


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>1. WELL NAME and NUMBER</b> EC 102-16		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>8. ADDRESS OF OPERATOR</b> 1060 East Highway 40, Vernal, UT, 84078				<b>7. OPERATOR PHONE</b> 435 781-9111		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> ML47045		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com		
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	2534 FSL 1390 FEL	NWSE	16	9.0 S	23.0 E	S
<b>Top of Uppermost Producing Zone</b>	2534 FSL 1390 FEL	NWSE	16	9.0 S	23.0 E	S
<b>At Total Depth</b>	2534 FSL 1390 FEL	NWSE	16	9.0 S	23.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1390		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 720		<b>26. PROPOSED DEPTH</b> MD: 9090 TVD: 9090		
<b>27. ELEVATION - GROUND LEVEL</b> 5010		<b>28. BOND NUMBER</b> 6196017		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Kaylene Gardner	<b>TITLE</b> Regulatory Administrator
<b>SIGNATURE</b>	<b>PHONE</b> 435 781-9111
<b>API NUMBER ASSIGNED</b> 43047505510000	<b>DATE</b> 07/13/2009
<b>APPROVAL</b>	<b>EMAIL</b> kaylene_gardner@eogresources.com
 Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9250		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	9090	11.6			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2300	36.0			

Well location, EAST CHAPITA #102-16, located as shown in the NW 1/4 SE 1/4 of Section 16, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

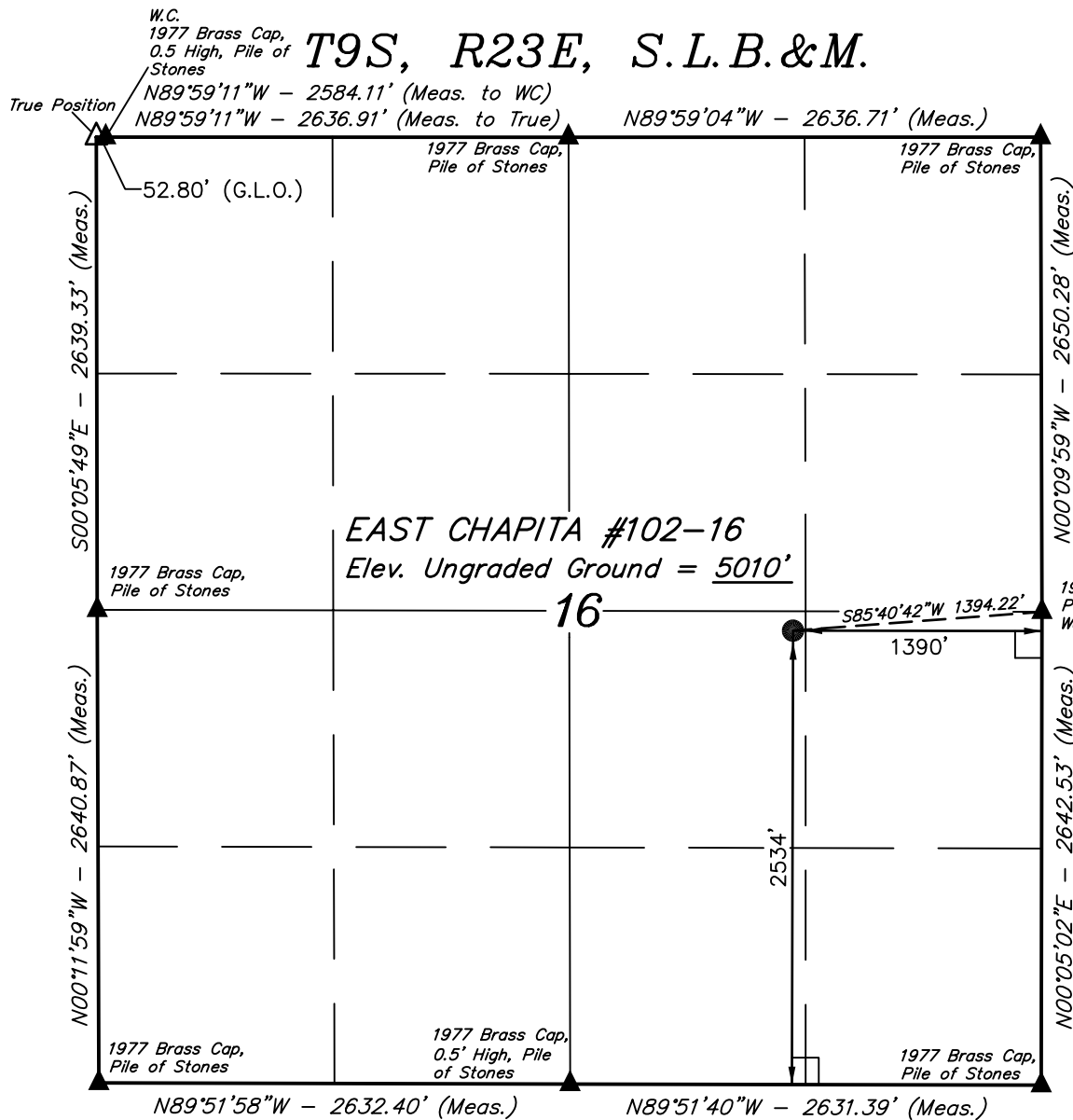


THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-21-08	DATE DRAWN: 10-30-08
PARTY A.K. C.R. E.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	



L = 90° SYMBOL

● = PROPOSED WELL HEAD.  
▲ = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 40°02'08.31" (40.035642)  
LONGITUDE = 109°19'38.89" (109.327469)  
(NAD 27)  
LATITUDE = 40°02'08.43" (40.035675)  
LONGITUDE = 109°19'36.45" (109.326792)

'APIWellNo:43047505510000',

**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>	<b>Lithology</b>	
Green River	1,761		Shale	
Birdsnest Zone	1,864		Dolomite	
Mahogany Oil Bed Shale	2,397		Shale	
Wasatch	4,653	Primary	Sandstone	Gas
Chapita Wells	5,240	Primary	Sandstone	Gas
Buck Canyon	5,912	Primary	Sandstone	Gas
North Horn	6,445	Primary	Sandstone	Gas
KMV Price River	6,824	Primary	Sandstone	Gas
KMV Price River Middle	7,602	Primary	Sandstone	Gas
KMV Price River Lower	8,369	Primary	Sandstone	Gas
Sego	8,865		Sandstone	
<b>TD</b>	<b>9,090</b>			

Estimated TD: **9,090' or 200'± below TD**

**Anticipated BHP: 4,963 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b><u>CASING</u></b>	<b><u>Hole Size</u></b>	<b><u>Length</u></b>	<b><u>Size</u></b>	<b><u>WEIGHT</u></b>	<b><u>Grade</u></b>	<b><u>Thread</u></b>	<b><u>Rating Collapse</u></b>	<b><u>Factor Burst</u></b>	<b><u>Tensile</u></b>
<b>Conductor</b>	<b>26"</b>	<b>0 – 60'</b>	<b>16"</b>						
<b>Surface</b>	<b>12 ¼"</b>	<b>0 – 2,300'</b> <b>KB±</b>	<b>9-5/8"</b>	<b>36.0#</b>	<b>J-55</b>	<b>STC</b>	<b>2020 PSI</b>	<b>3520 Psi</b>	<b>394,000#</b>
<b>Production</b>	<b>7-7/8"</b>	<b>Surface – TD</b>	<b>4-½"</b>	<b>11.6#</b>	<b>N-80</b>	<b>LTC</b>	<b>6350 PSI</b>	<b>7780 Psi</b>	<b>223,000#</b>

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

**All casing will be new or inspected.**

**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**5. Float Equipment:**

**Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, **and every 3rd joint to 400' above the top of primary objective**. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference:**     **Onshore Oil and Gas Order No. 1**  
                         **Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations**

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, requiring during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by waster mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

**Logs:**                     Mud log from base of surface casing to TD.  
**Cased-hole Logs:**     Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
                                 **Cement Bond / Casing Collar Locator and Pulsed Neutron**

**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

**Lead:**     **185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:**     **207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:**     Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:**     **130 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:**     **870 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:**     The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.



**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

**13. Air Drilling Operations:**

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

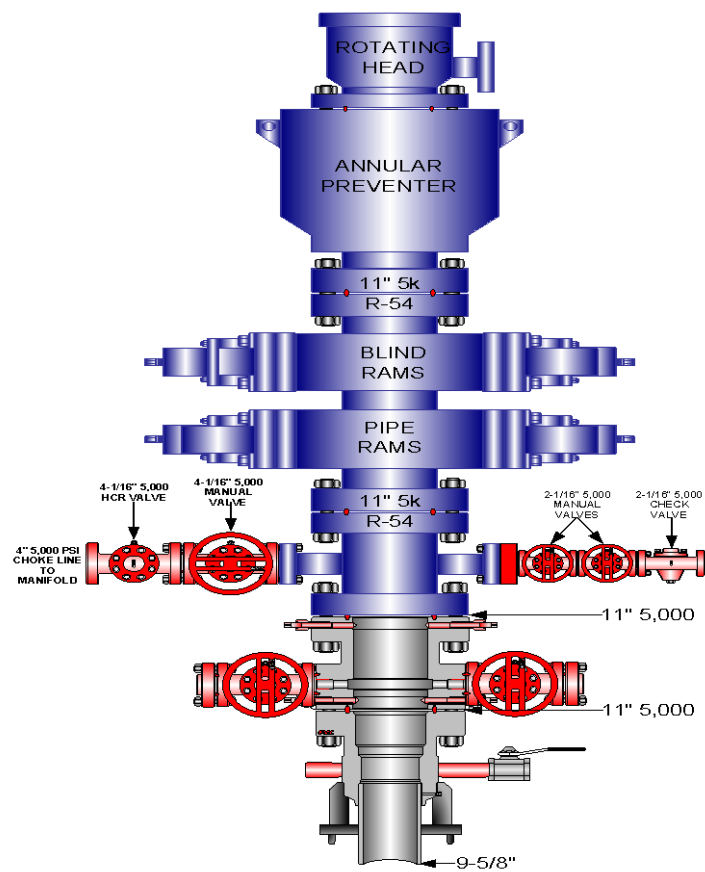
**(Attachment: BOP Schematic Diagram)**

**EIGHT POINT PLAN**

**EAST CHAPITA 102-16**

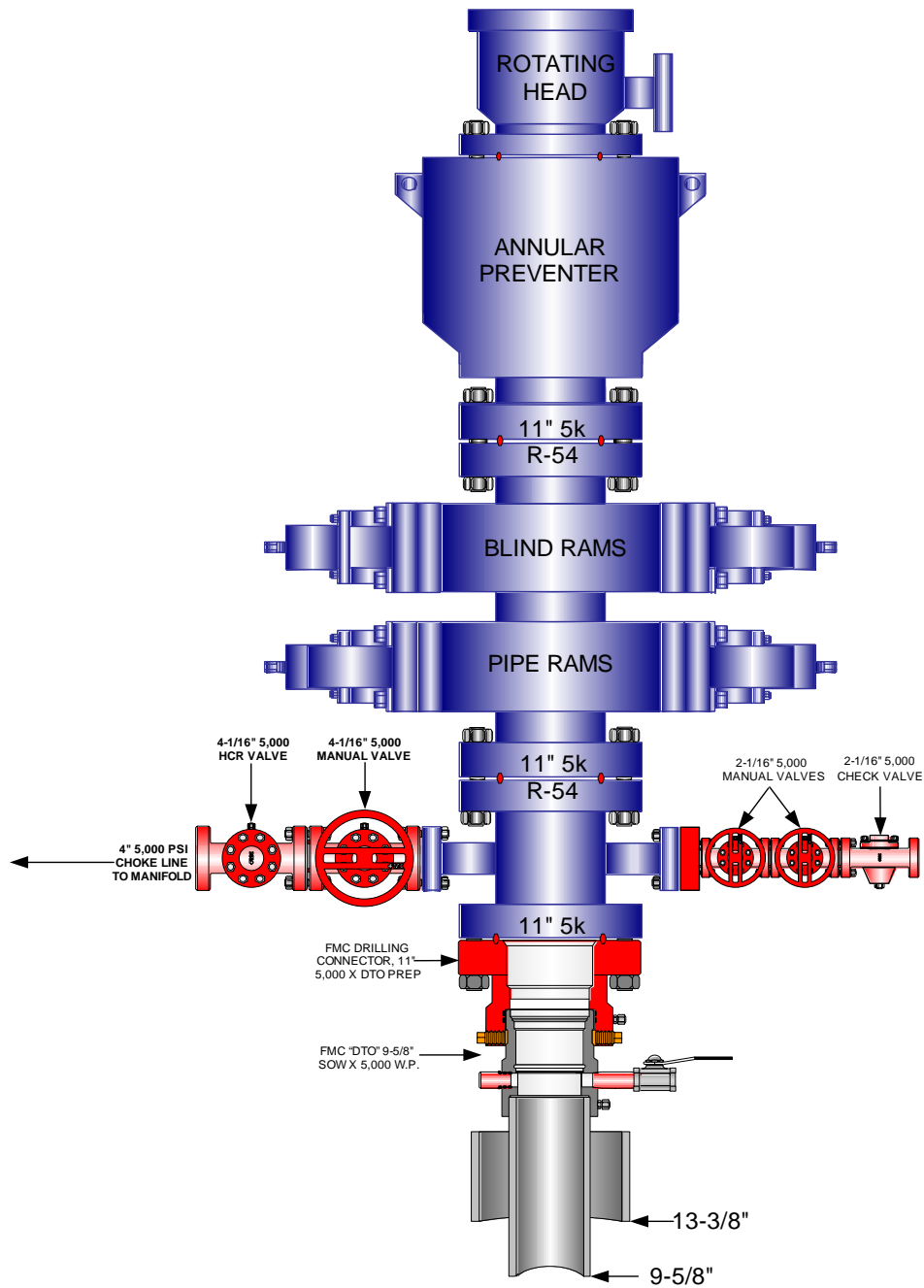
**NW/SE, SEC. 16, T9S, R23E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**



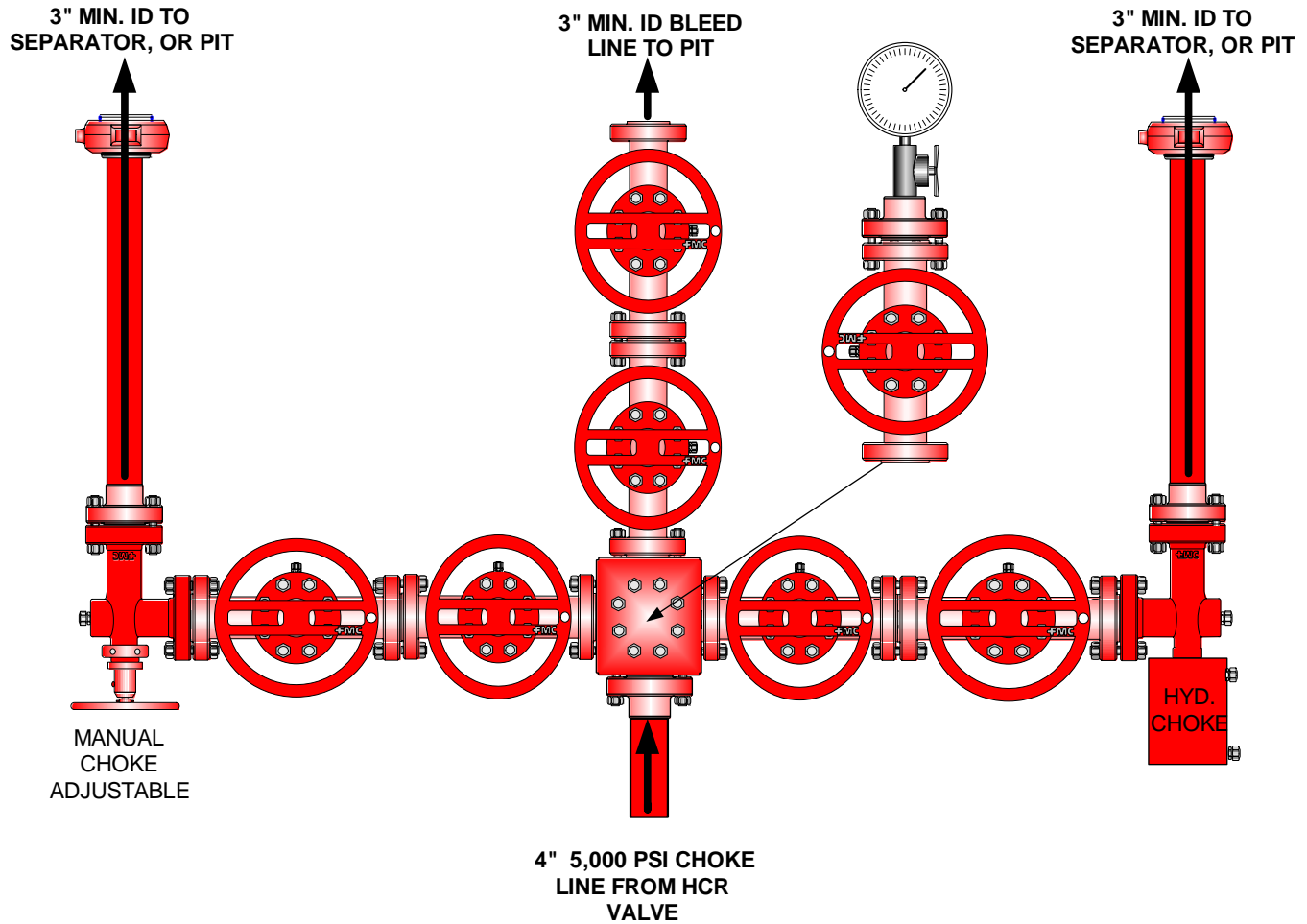
**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



## Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



***East Chapita 102-16  
NWSE, Section 16, T9S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

***1. EXISTING ROADS:***

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 54.5 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The access road will be approximately 200' in length. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

### **3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

### **4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

#### **A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

#### **B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 227' x 40'. The proposed pipeline leaves the western edge of the proposed location proceeding in a westerly direction for an approximate distance of 227' tying into an existing pipeline in the NWSE of Section 16, T9S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.

4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal,

CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation Ponds, 1, 2, 3, 4, 5, and/or 6, Coyote Ponds 1, 2, 3, and/or 4, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

## **8. ANCILLARY FACILITIES:**

None anticipated.



**9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be spread over the interim area and seeded with the approved seed mixture from this location.

Access to the well pad will be from the west.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion

of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## **10. PLANS FOR RECLAMATION OF THE SURFACE:**

### **A. Interim Reclamation (Producing Location)**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

### **B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

## **11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

### **State of Utah**

## **12. OTHER INFORMATION:**

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for

the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources and paleontology survey will be conducted and submitted by Montgomery Archaeological Consultants.

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, Utah 84078  
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

**CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the East Chapita 102-16 Well, located in the NWSE, of Section 16, T9S, R23E, Uintah County, Utah; State land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

July 11, 2009

Date

\_\_\_\_\_  
Kaylene R. Gardner, Regulatory Administrator

**EOG RESOURCES, INC.**  
**EAST CHAPITA #102-16**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 16, T9S, R23E, S.L.B.&M.**

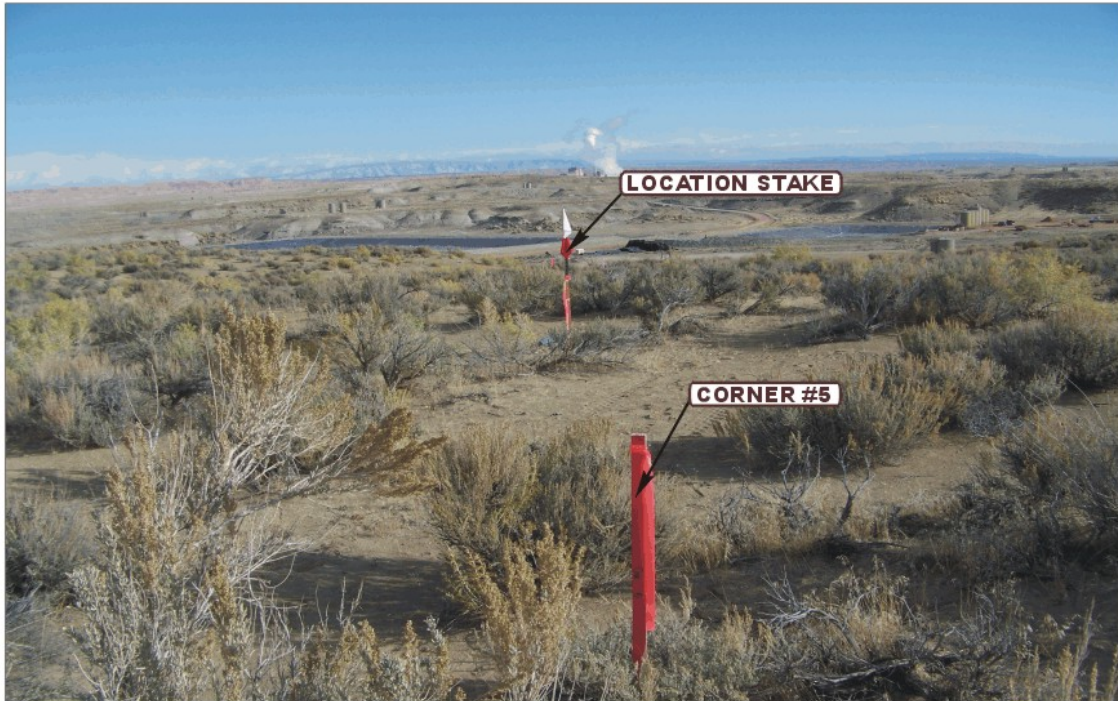


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**10** **31** **08**  
MONTH DAY YEAR

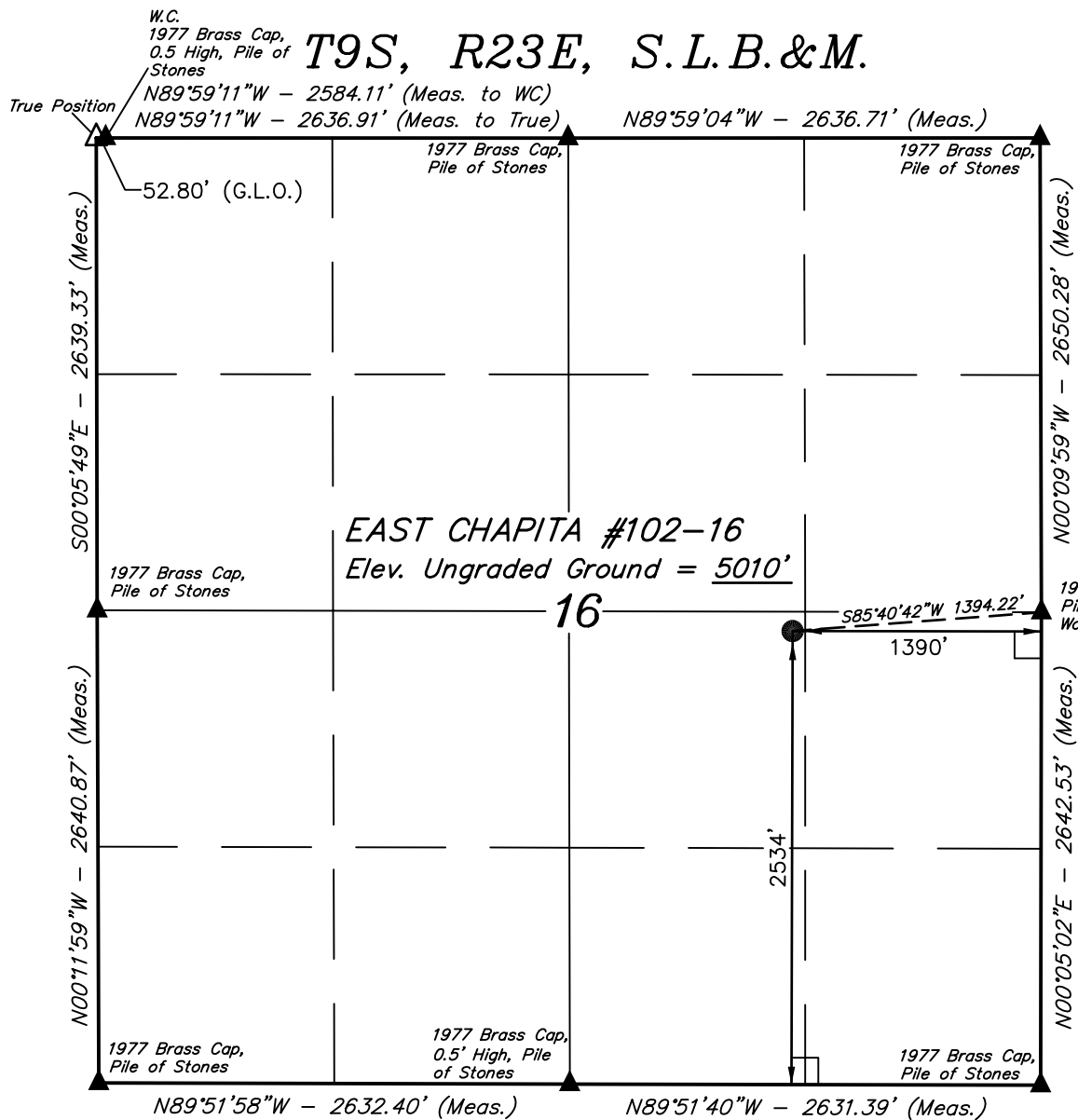
**PHOTO**

TAKEN BY: A.J.K.

DRAWN BY: J.J.

REVISED: 00-00-00

'APIWellNo:43047505510000'



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
LATITUDE = 40°02'08.31" (40.035642)  
LONGITUDE = 109°19'38.89" (109.327469)  
(NAD 27)  
LATITUDE = 40°02'08.43" (40.035675)  
LONGITUDE = 109°19'36.45" (109.326792)

EOG RESOURCES, INC.

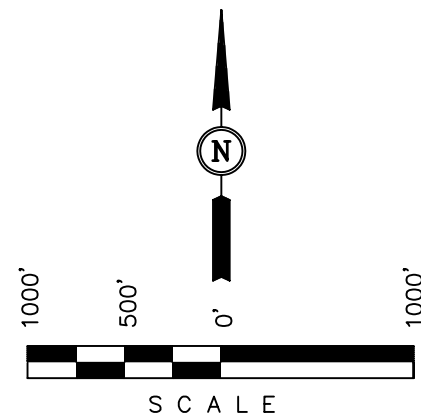
Well location, EAST CHAPITA #102-16, located as shown in the NW 1/4 SE 1/4 of Section 16, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

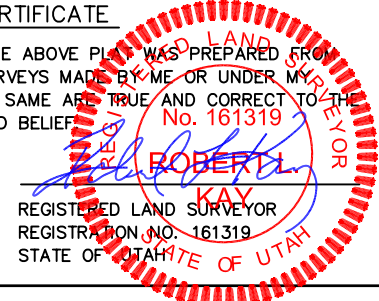
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-21-08	DATE DRAWN: 10-30-08
PARTY A.K. C.R. E.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	





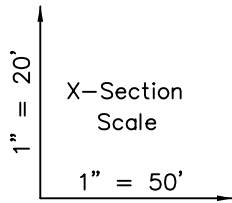


# EOG RESOURCES, INC.

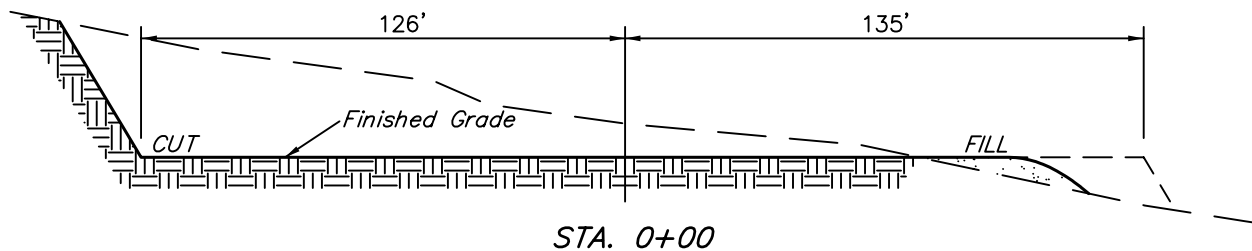
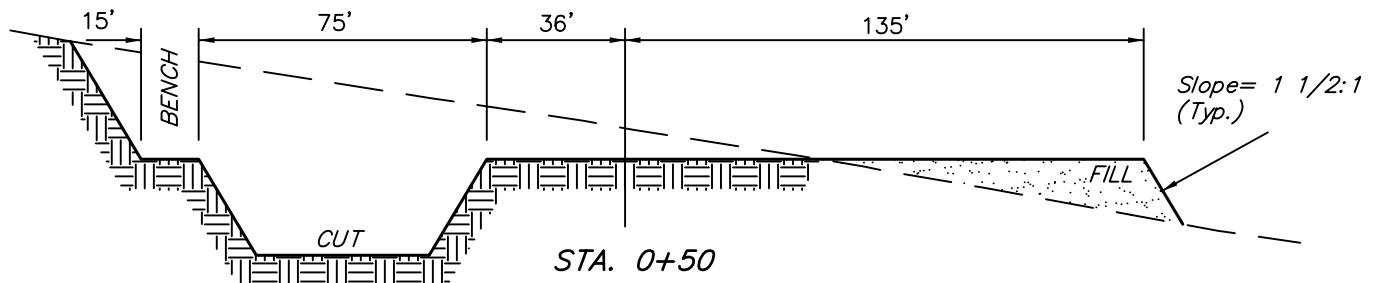
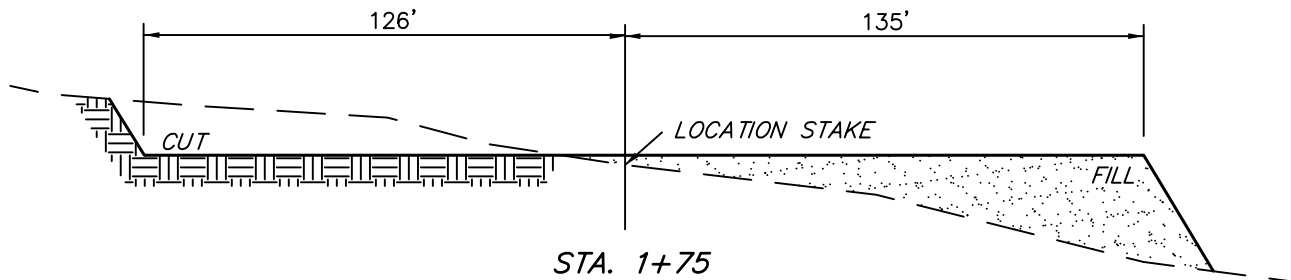
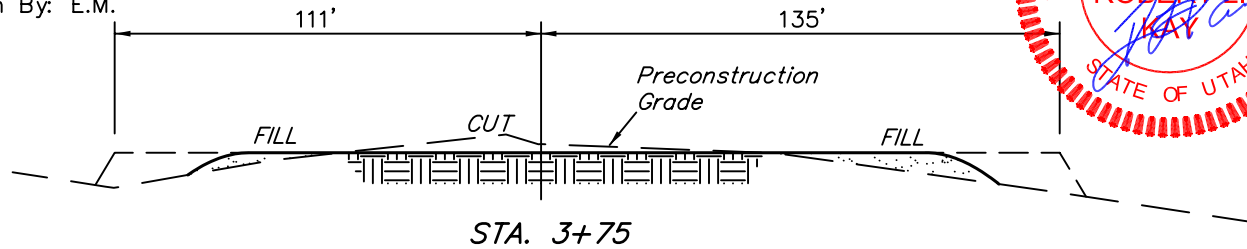
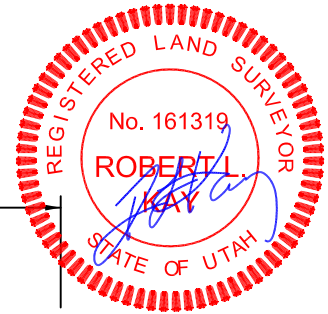
## TYPICAL CROSS SECTIONS FOR

EAST CHAPITA #102-16  
SECTION 16, T9S, R23E, S.L.B.&M.  
2534' FSL 1390' FEL

FIGURE #2



DATE: 10-30-08  
Drawn By: E.M.



### APPROXIMATE ACREAGES

WELL SITE DISTURBANCE =  $\pm 3.375$  ACRES  
ACCESS ROAD DISTURBANCE =  $\pm 0.147$  ACRES  
PIPELINE DISTURBANCE =  $\pm 0.184$  ACRES  
TOTAL =  $\pm 3.706$  ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,070 Cu. Yds.  
Remaining Location = 10,610 Cu. Yds.  
  
TOTAL CUT = 12,680 CU.YDS.  
FILL = 8,820 CU.YDS.

EXCESS MATERIAL = 3,860 Cu. Yds.  
Topsoil & Pit Backfill = 3,860 Cu. Yds.  
(1/2 Pit Vol.)  
  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

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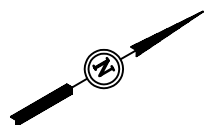
**EOG RESOURCES, INC.**

**PRODUCTION FACILITY LAYOUT FOR**

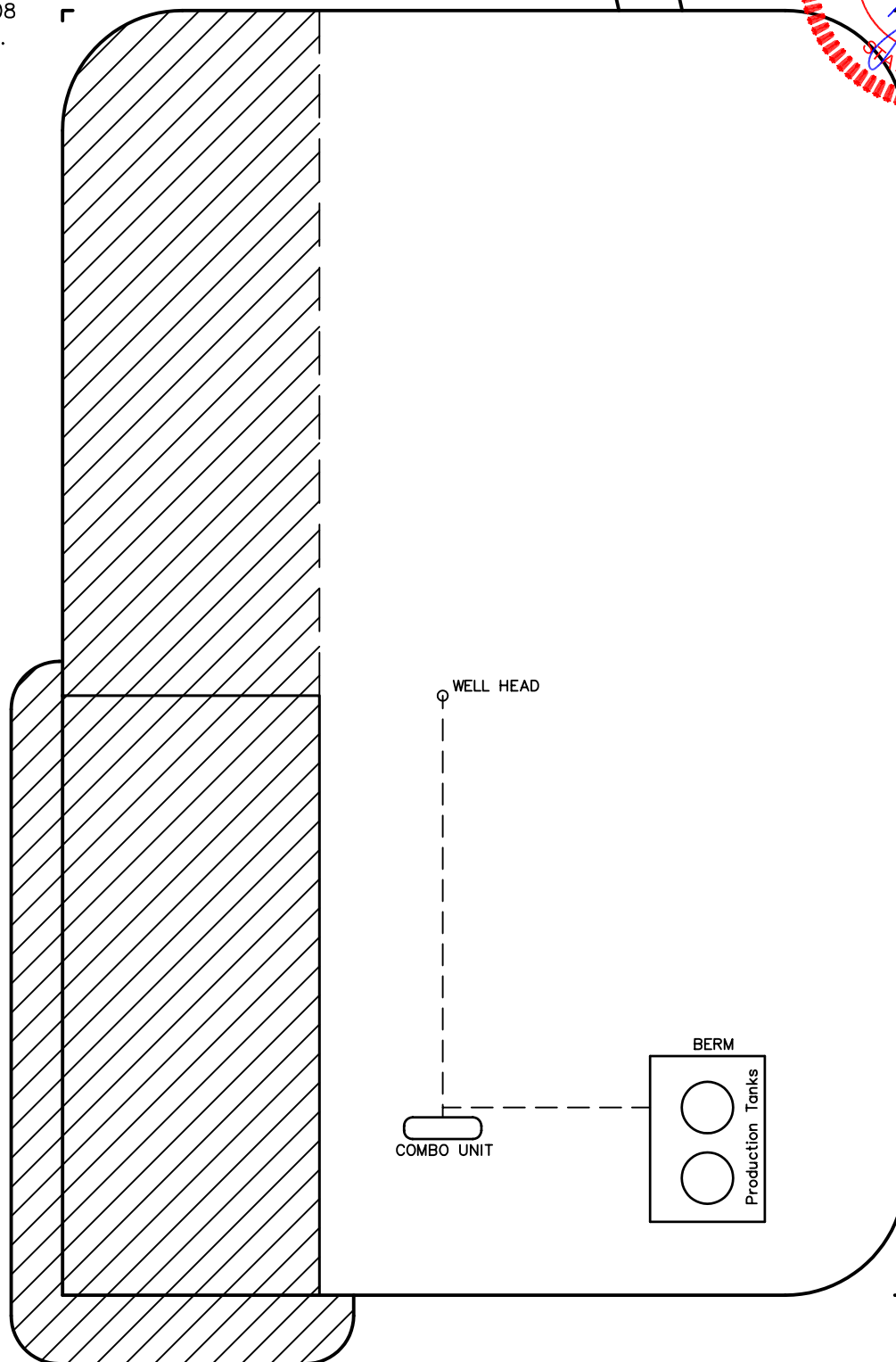
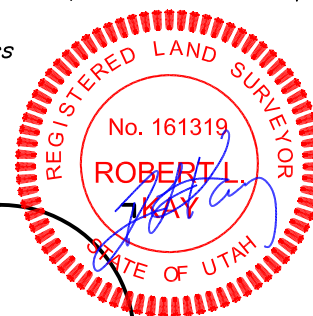
**EAST CHAPITA #102-16**  
**SECTION 16, T9S, R23E, S.L.B.&M.**  
**2534' FSL 1390' FEL**

*Access  
Road*

**FIGURE #3**



SCALE: 1" = 50'  
DATE: 10-30-08  
Drawn By: E.M.

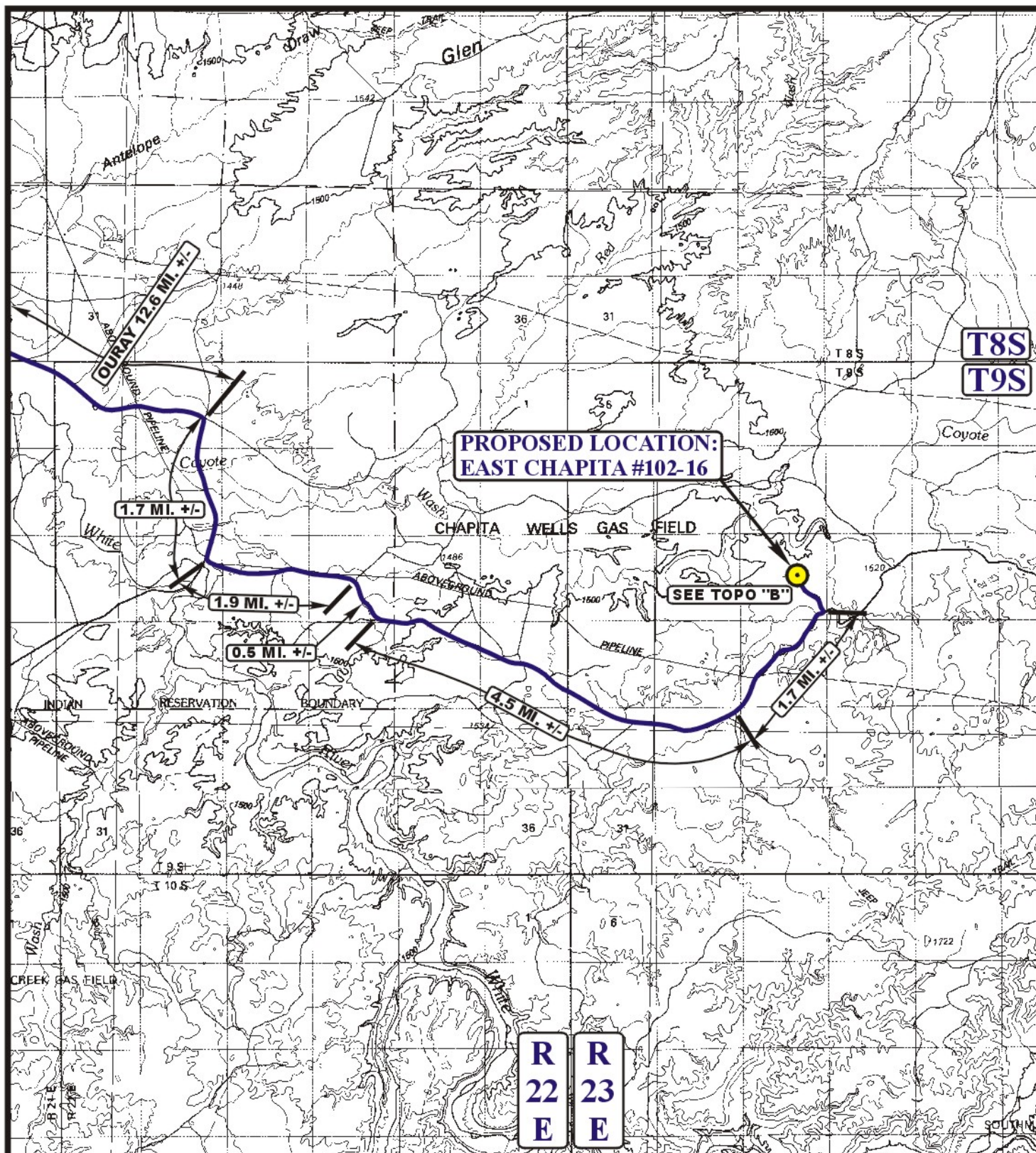


RE-HABED AREA

**EOG RESOURCES, INC.**  
**EAST CHAPITA #102-16**  
**SECTION 16, T9S, R23E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY THEN EASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEASTERLY; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.5 MILES.



**LEGEND:**

PROPOSED LOCATION

**EOG RESOURCES, INC.**

**EAST CHAPITA #102-16  
SECTION 16, T9S, R23E, S.L.B.&M.  
2534' FSL 1390' FEL**



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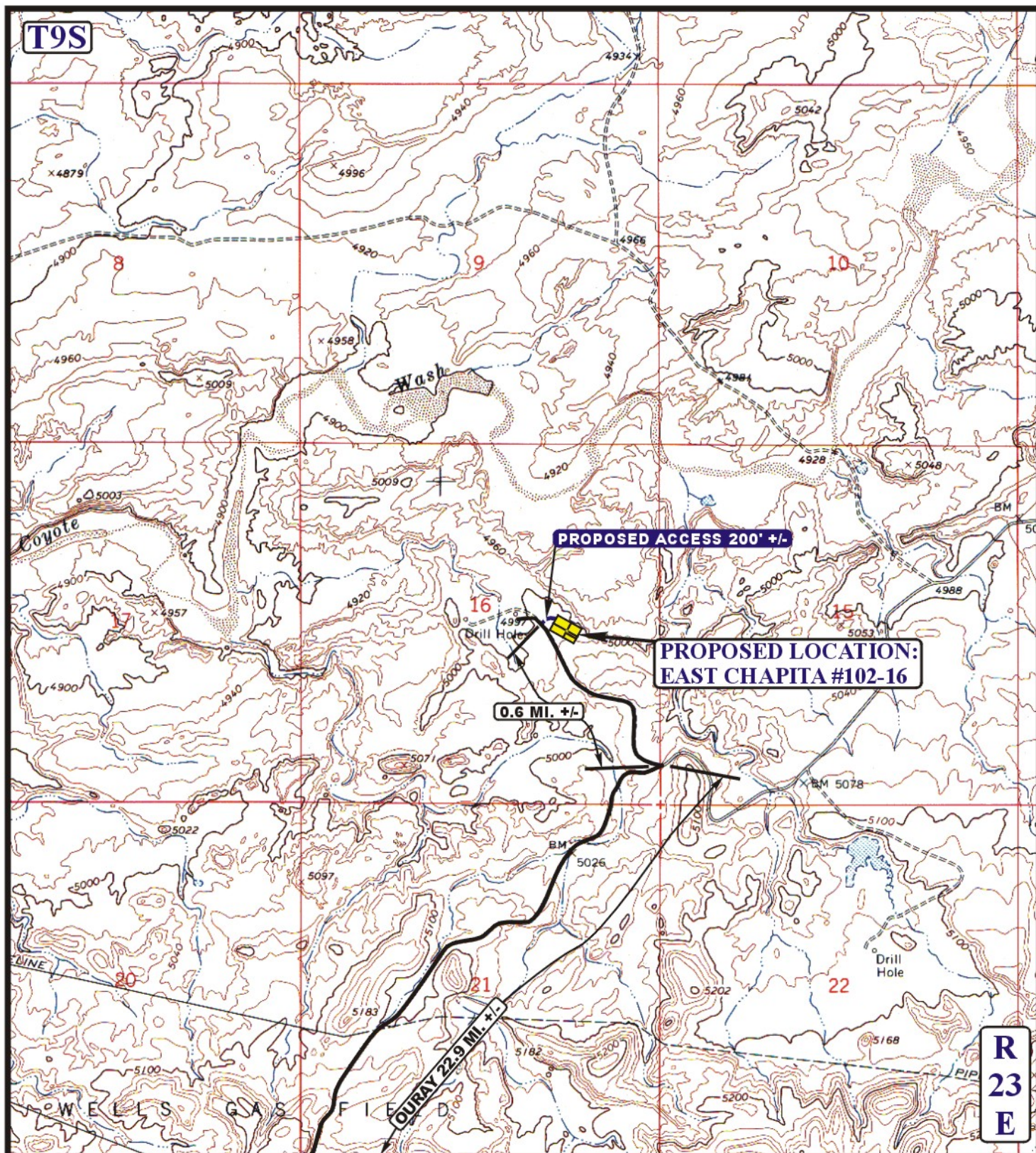
**TOPOGRAPHIC  
MAP**

**10 31 08**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 00-00-00







# LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |

EOG RESOURCES, INC.

**EAST CHAPITA #102-16**  
**SECTION 16, T9S, R23E, S.L.B.&M.**  
**2534' FSL 1390' FEL**



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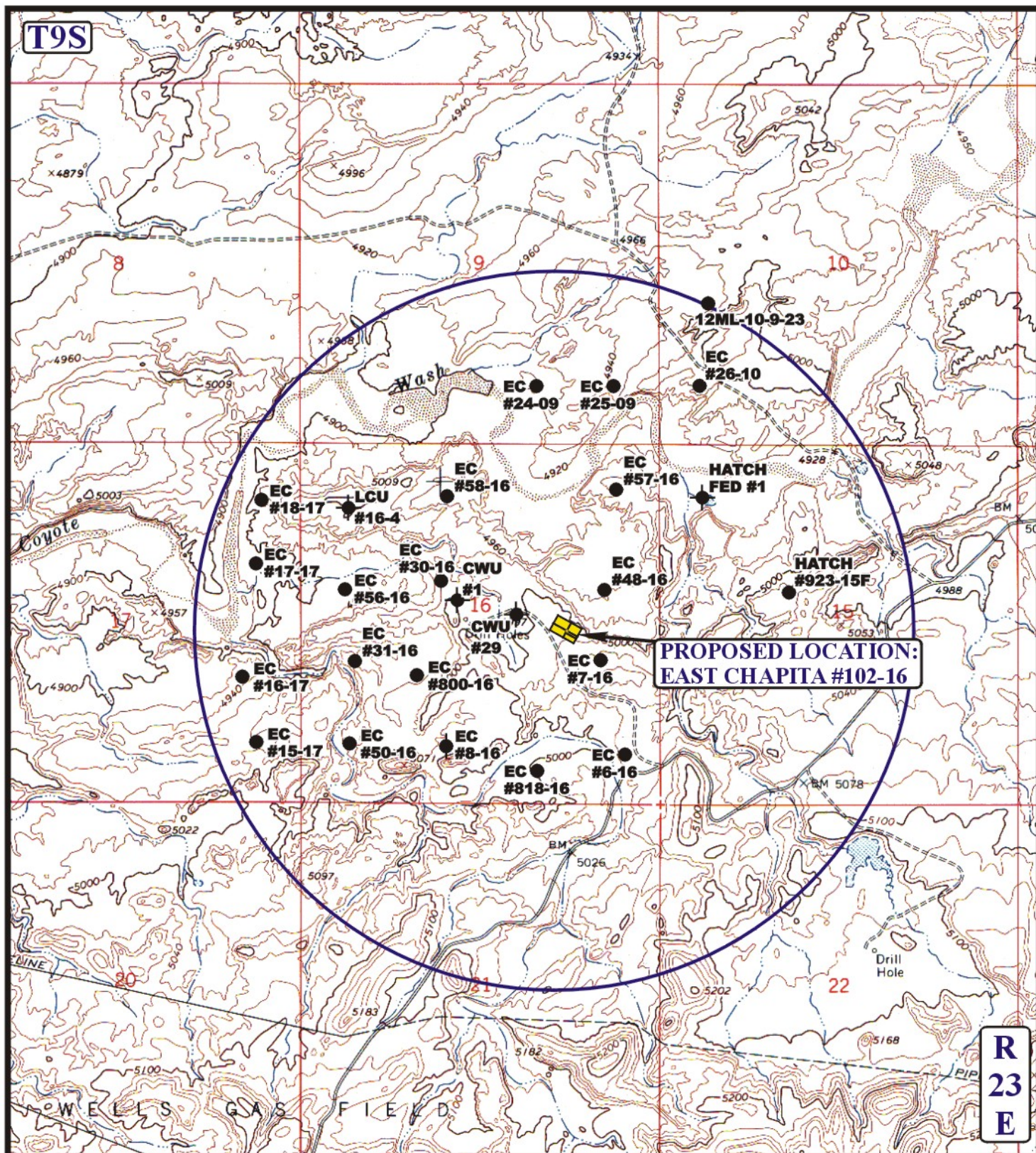
**TOPOGRAPHIC**  
**MAP**

**10 31 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00







**PROPOSED LOCATION:  
EAST CHAPITA #102-16**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



**EOG RESOURCES, INC.**

**EAST CHAPITA #102-16  
SECTION 16, T9S, R23E, S.L.B.&M.  
2534' FSL 1390' FEL**



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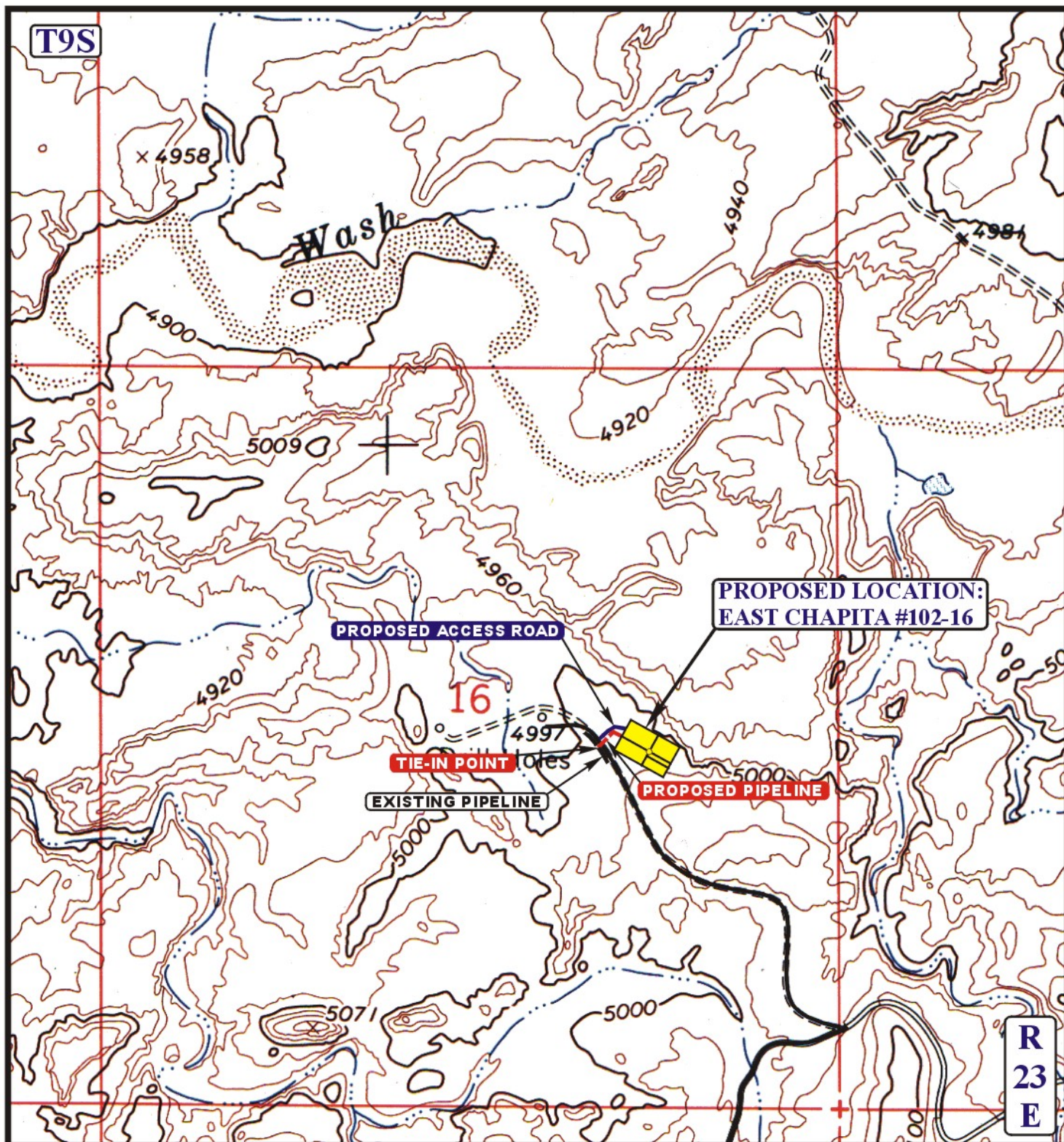
**TOPOGRAPHIC  
MAP**

**10 31 08**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 227' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**EOG RESOURCES, INC.**

**EAST CHAPITA #102-16**  
**SECTION 16, T9S, R23E, S.L.B.&M.**  
**2534' FSL 1390' FEL**



**Uintah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**

**TOPOGRAPHIC**  
**MAP**

**10 31 08**  
 MONTH DAY YEAR

**SCALE: 1" = 1000'** **DRAWN BY: J.J.** **REVISED: 00-00-00**





1:10,929



Well Name	EOG Resources, Inc. EC 102-16 43047505510000			
String	Surf	Prod		
Casing Size(in)	9.625	4.500		
Setting Depth (TVD)	2300	9090		
Previous Shoe Setting Depth (TVD)	0	2300		
Max Mud Weight (ppg)	8.4	10.5		
BOPE Proposed (psi)	0	5000		
Casing Internal Yield (psi)	3520	7780		
Operators Max Anticipated Pressure (psi)	4963	10.5		

Calculations	Surf String	9.625	"
Max BPH (psi)	.052*Setting Depth*MW=	1005	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	729	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	499	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	499	NO Reasonable depth in area
Required Casing/BOPE Test Pressure=		2300	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

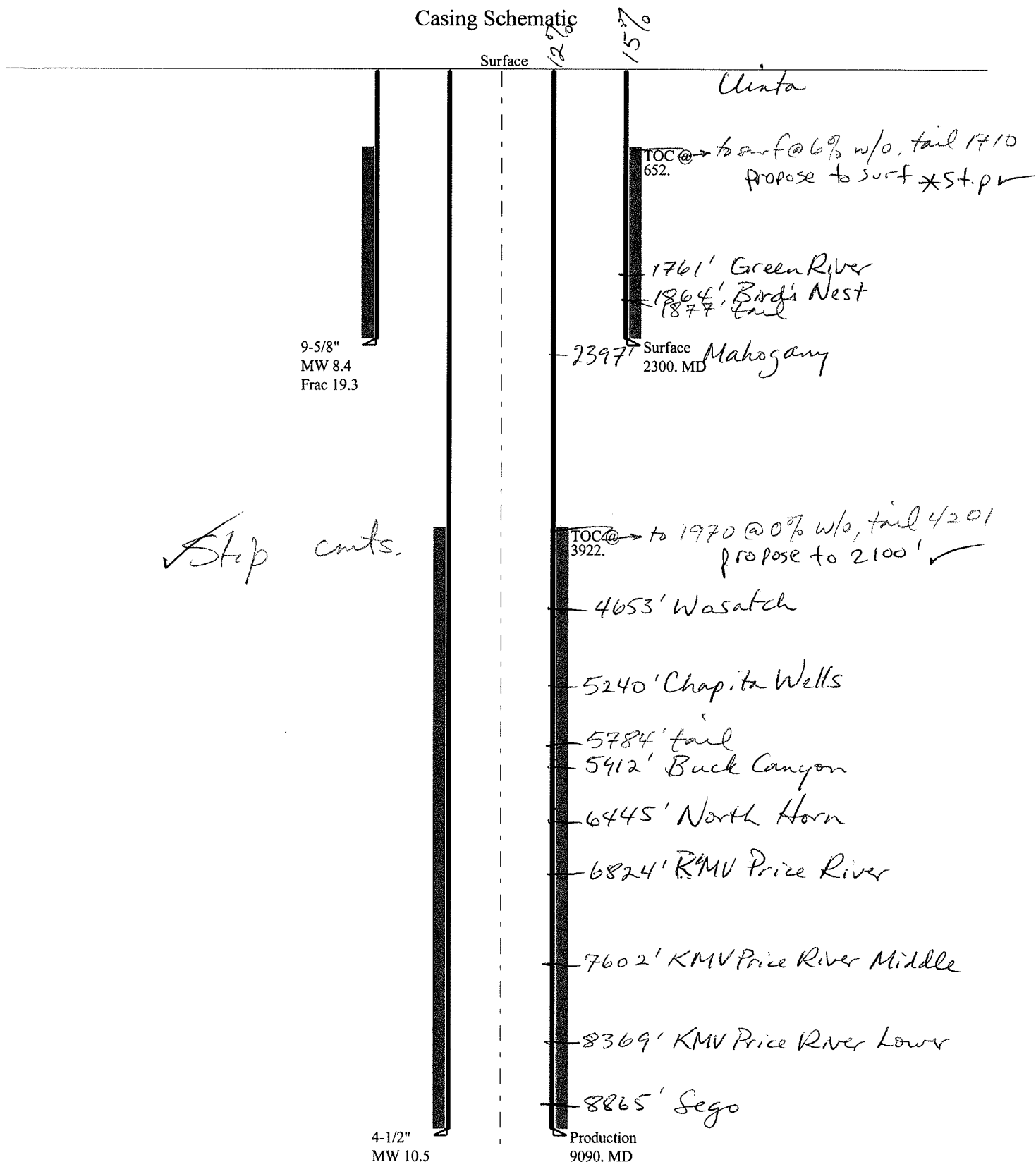
Calculations	Prod String	4.500	"
Max BPH (psi)	.052*Setting Depth*MW=	4963	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3872	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2963	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3469	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2300	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BPH (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BPH (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047505510000 EC 102-16

Casing Schematic



Well name:	<b>43047505510000 EC 102-16</b>	
Operator:	<b>EOG Resources, Inc.</b>	
String type:	Surface	Project ID: 43-047-50551
Location:	UINTAH COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 106 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 652 ft

**Burst**

Max anticipated surface pressure: 2,024 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,300 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 2,014 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 9,090 ft  
Next mud weight: 10.500 ppg  
Next setting BHP: 4,958 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,300 ft  
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	19991
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1004	2020	2.013	2300	3520	1.53	82.8	394	4.76 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil,Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: August 6,2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>43047505510000 EC 102-16</b>	
Operator:	<b>EOG Resources, Inc.</b>	
String type:	Production	Project ID: 43-047-50551
Location:	UINTAH COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 10.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 201 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 3,922 ft

**Burst**

Max anticipated surface pressure: 2,958 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,958 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 7,663 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9090	4.5	11.60	N-80	LT&C	9090	9090	3.875	37436

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4958	6350	1.281	4958	7780	1.57	105.4	223	2.11 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: August 6, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 9090 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

**From:** Jim Davis  
**To:** Bonner, Ed; Mason, Diana  
**CC:** Garrison, LaVonne; kaylene gardner  
**Date:** 3/11/2010 7:32 AM  
**Subject:** EOG approvals (3)

The following APDs have been approved by SITLA including arch and paleo clearance.

EC 102-16 (4304750551)  
EC 105-16 (4304750552)  
EC 106-16 (4304750553)

Thanks.  
-Jim

Jim Davis  
Utah Trust Lands Administration  
jimdavis1@utah.gov  
Phone: (801) 538-5156

**ON-SITE PREDRILL EVALUATION****Utah Division of Oil, Gas and Mining**

<b>Operator</b>	EOG RESOURCES, INC.				
<b>Well Name</b>	EC 102-16				
<b>API Number</b>	43047505510000	<b>APD No</b>	1756	<b>Field/Unit</b>	NATURAL BUTTES
<b>Location: 1/4,1/4</b>	NWSE	<b>Sec</b> 16	<b>Tw</b> 9.0S	<b>Rng</b> 23.0E	2534 FSL 1390 FEL
<b>GPS Coord (UTM)</b>	642761	4432852	<b>Surface Owner</b>		

**Participants**

Floyd Bartlett (DOGM), Kaylene Gardner and Robert Wilkins (EOG), Ed Bonner (SITLA), Ben Williams (UDWR).

**Regional/Local Setting & Topography**

The general area is within the Coyote Wash Drainage. This drainage is a major drainage beginning near the Utah-Colorado border to the east and joining the White River approximately 6 miles to the southwest. The drainage consists of several significant side drainages. The drainage is dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. The topography is characterized by rolling hills, frequently divided by gentle to deep draws, which flow into Coyote Wash. The draws are often rimmed with steep side hills with exposed sand stone bedrock cliffs. Vernal, Utah is approximately 35 air miles and 54.5 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads. Approximately 200 feet of new road will be constructed to reach the location.

The proposed E C 102-16 gas well location parallels the moderately gentle north slope of a ridge which crests immediately south of the location. Excavation from the ridge will be moved northerly to construct the pad. Minor swales intersect the site but all begin within or near the upslope side of the pad. The Location Layout (Figure 1) shows a diversion ditch south of the pad running to the east. It was agreed that this would be constructed only if needed. The center stake is in one foot of fill. This fill must be compacted to the standard specified on the Location Layout. The site breaks off sharply north of the pad into a lower area that contains EOG's Coyote Evaporation Ponds. The break off is rimmed with exposed sandstone cliffs or boulders. The selected site is a suitable area for constructing a pad and drilling and operating a well.

Both the surface and minerals for this location are owned by SITLA.

**Surface Use Plan****Current Surface Use**

Grazing  
Recreational  
Wildlife Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.05	<b>Width</b> 261 <b>Length</b> 375	Onsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?****Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Vegetation on the site includes broom snakeweed, cheatgrass, sagebrush, shadscale, halogeton, Indian ricegrass, spiny hop sage, greasewood, rabbit brush, curly mesquite, needle and thread grass, Gardner saltbrush, and spring annuals.

Antelope, coyote, small mammals and birds. Winter domestic sheep grazing

### Soil Type and Characteristics

Surface soils are moderately deep to shallow sandy loams. Exposed sandstone bedrock is present.

### Erosion Issues N

. Minor swales intersect the site but all begin within or near the upslope side of the pad. The Location Layout (Figure 1) shows a diversion ditch south of the pad running to the east. It was agreed that this would be constructed only if needed.

### Sedimentation Issues N

### Site Stability Issues N

### Drainage Diversion Required? Y

. Minor swales intersect the site but all begin within or near the upslope side of the pad. The Location Layout (Figure 1) shows a diversion ditch south of the pad running to the east. It was agreed that this would be constructed only if needed.

### Berm Required? N

### Erosion Sedimentation Control Required? N

Paleo Survey Run? Y    Paleo Potential Observed? N    Cultural Survey Run? Y    Cultural Resources?

### Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	32      1 Sensitivity Level

### Characteristics / Requirements

Although the Location Layout Sheet (Figure 1) shows a reserve pit, at EOG's preference, the well will be drilled using a closed loop mud circulation system. A small bermed-up containment area will be constructed and lined with bentonite to hold the cuttings while drilling. Ed Bonner of SITLA stated the cutting could be disposed of on the site.

**Closed Loop Mud Required? Y Liner Required? Liner Thickness Pit Underlayment Required?**

**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

7/28/2009  
**Date / Time**



# Application for Permit to Drill Statement of Basis

3/11/2010

**Utah Division of Oil, Gas and Mining**

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
1756	43047505510000	SITLA	GW	S	No
<b>Operator</b>	EOG RESOURCES, INC.		<b>Surface Owner-APD</b>		
<b>Well Name</b>	EC 102-16		<b>Unit</b>		
<b>Field</b>	NATURAL BUTTES		<b>Type of Work</b>		DRILL
<b>Location</b>	NWSE 16 9S 23E S 2534 FSL 1390 FEL GPS Coord (UTM) 642762E 4432850N				

## Geologic Statement of Basis

EOG proposes to set 2,300 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at approximately 1,000 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

Brad Hill  
**APD Evaluator**

8/4/2009  
**Date / Time**

## Surface Statement of Basis

The general area is within the Coyote Wash Drainage. This drainage is a major drainage beginning near the Utah-Colorado border to the east and joining the White River approximately 6 miles to the southwest. The drainage consists of several significant side drainages. The drainage is dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. The topography is characterized by rolling hills, frequently divided by gentle to deep draws, which flow into Coyote Wash. The draws are often rimmed with steep side hills with exposed sand stone bedrock cliffs. Vernal, Utah is approximately 35 air miles and 54.5 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads. Approximately 200 feet of new road will be constructed to reach the location.

The proposed E C 102-16 gas well location parallels the moderately gentle north slope of a ridge which crests immediately south of the location. Excavation from the ridge will be moved northerly to construct the pad. Minor swales intersect the site but all begin within or near the upslope side of the pad. The Location Layout (Figure 1) shows a diversion ditch south of the pad running to the east. It was agreed that this would be constructed only if needed. The center stake is in one foot of fill. This fill must be compacted to the standard specified on the Location Layout. The site breaks off sharply north of the pad into a lower area that contains EOG's Coyote Evaporation Ponds. The break off is rimmed with exposed sandstone cliffs or boulders. The selected site is a suitable area for constructing a pad and drilling and operating a well.

Although the Location Layout Sheet (Figure 1) shows a reserve pit, at EOG's preference, the well will be drilled using a closed loop mud circulation system. A small bermed-up containment area will be constructed and lined with bentonite to hold the cuttings while drilling. Ed Bonner of SITLA stated the cutting could be disposed of on the site.

Both the surface and minerals for this location are owned by SITLA. Mr. Ed Bonner of SITLA attended the pre-site evaluation and expressed no concerns. SITLA is to be contacted for reclamation standards including seed mixes to be used when reclaiming any of the site.

Mr. Ben Williams of the Utah Division of Wildlife Resources attended the evaluation. Mr. Williams stated the

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# Application for Permit to Drill Statement of Basis

3/11/2010

Utah Division of Oil, Gas and Mining

Page 2

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area is classified as crucial yearlong habitat for antelope. He however recommended no stipulations for this species as the loss of forage from this location is not significant and water not forage is the factor limiting the herd population in the area. No other wildlife is expected to be affected. He gave Kaylene Gardner, representing EOG Resources, a copy of his evaluation

Floyd Bartlett  
**Onsite Evaluator**

7/28/2009  
**Date / Time**

## Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location if determined needed.

# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 7/13/2009

**WELL NAME:** EC 102-16

**OPERATOR:** EOG Resources, Inc. (N9550)

**CONTACT:** Kaylene Gardner

**API NO. ASSIGNED:** 43047505510000

**PHONE NUMBER:** 435 781-9111

**PROPOSED LOCATION:** NWSE 16 090S 230E

**Permit Tech Review:** ☒

**SURFACE:** 2534 FSL 1390 FEL

**Engineering Review:** ☒

**BOTTOM:** 2534 FSL 1390 FEL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.03570

**LONGITUDE:** -109.32674

**UTM SURF EASTINGS:** 642762.00

**NORTHINGS:** 4432850.00

**FIELD NAME:** NATURAL BUTTES

**LEASE TYPE:** 3 - State

**LEASE NUMBER:** ML47045

**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE

**SURFACE OWNER:** 3 - State

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

☒ **PLAT**

☒ **Bond:** STATE/FEE - 6196017

☐ **Potash**

☐ **Oil Shale 190-5**

☐ **Oil Shale 190-3**

☐ **Oil Shale 190-13**

☒ **Water Permit:** 49-225

☐ **RDCC Review:**

☐ **Fee Surface Agreement**

☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

☐ **R649-2-3.**

**Unit:**

☐ **R649-3-2. General**

☐ **R649-3-3. Exception**

☒ **Drilling Unit**

**Board Cause No:** Cause 179-15

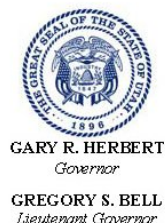
**Effective Date:** 7/17/2008

**Siting:** 460' fr ext. lease boundary

☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:**  
5 - Statement of Basis - bhill  
12 - Cement Volume (3) - ddoucet  
25 - Surface Casing - hmadonald



# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** EC 102-16  
**API Well Number:** 43047505510000  
**Lease Number:** ML47045  
**Surface Owner:** STATE  
**Approval Date:** 3/11/2010

### Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

### Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-15. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2100' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

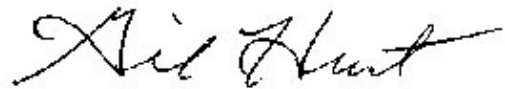
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**



Gil Hunt  
Associate Director, Oil & Gas

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: EC 102-16

Api No: 43-047-50551 Lease Type: STATE

Section 16 Township 09S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

### SPUDDED:

Date 04/23//2010

Time 8:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DAVID BRINKERHOFF

Telephone # (435) 621-2421

Date 04/26/2010 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (307) 276-4842

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50551	EAST CHAPITA 102-16		NWSE	16	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17596	4/23/2010		4/28/10		
Comments: <u>WASATCH/MESAVERDE</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50553	EAST CHAPITA 106-16		SWSE	16	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17597	4/22/2010		4/28/10		
Comments: <u>WASATCH/MESAVERDE</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments: <u> </u>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mickenzie Gates

Name (Please Print)

*Mickenzie Gates*

Signature

Operations Clerk

4/26/2010

Title

Date

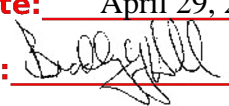
**RECEIVED**

**APR 28 2010**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML47045
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> EC 102-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2534 FSL 1390 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 16 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047505510000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 4/23/2010	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The referenced well was spud on 4/23/2010.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> April 26, 2010		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/26/2010	



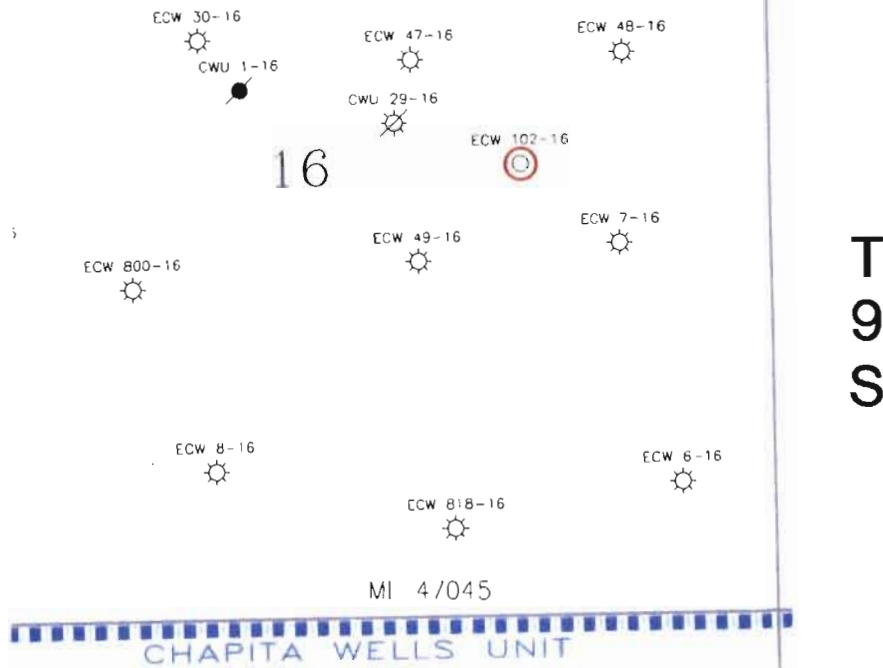
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<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
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<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 4/23/2010	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER</b>	
	OTHER:	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  No activity has occurred since spud on 4/23/2010.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> April 26, 2010		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/26/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML47045
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40, Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> EC 102-16
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2534 FSL 1390 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 16 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047505510000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/23/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input checked="" type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER:         </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. RNI Disposal 7. Hoss SWD Wells ROW# UTU86010 & UTU897093		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates		<b>PHONE NUMBER</b> 435 781-9145
<b>SIGNATURE</b> N/A		<b>TITLE</b> Operations Clerk
<b>DATE</b> 4/26/2010		<b>DATE:</b> April 29, 2010 <b>By:</b> 

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML47045			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40, Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> EC 102-16			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2534 FSL 1390 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 16 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047505510000			
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<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/20/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER:         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing. Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.					
<b>NAME (PLEASE PRINT)</b> Nanette Lupcho		<b>PHONE NUMBER</b> 435 781-9157			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Assistant			
<b>DATE</b> 5/20/2010		<b>By:</b> <u>June 15, 2010</u> <u>Dan K. [Signature]</u>			

**Approved by the  
 Utah Division of  
 Oil, Gas and Mining**

R 23 E



○ EAST CHAPITA 102-16

Scale: 1" = 1000'

0 1/4 1/2 Mile



Denver Division

EXHIBIT "A"

EAST CHAPITA 102-16  
Commingling Application  
Uintah County, Utah

Scale: 1" = 1000'

Discussed/Commingling  
EC102-16, commingling chg  
WELL

Author

TLM

Apr 23, 2009 -  
2:05pm

RECEIVED May 20, 2010

STATE OF UTAH )

) ss

COUNTY OF UINTAH )

VERIFICATION

Nanette M. Lupcho, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

**EAST CHAPITA 102-16  
2534' FSL – 1390' FEL (NWSE)  
SECTION 16, T9S, R23E  
UINTAH COUNTY, UTAH**

EOG Resources, Inc is the only owner in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 20th day of May, 2010 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining,

Further affiant saith not.



Nanette M. Lupcho  
Regulatory Assistant

Subscribed and sworn before me this 20th day of May, 2010.



Notary Public

My Commission Expires: April 18 2012



**RECEIVED** May 20, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/25/2010	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input checked="" type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER:  </td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The referenced well was turned to sales on 6/25/2010. Please see the attached operations summary report for drilling and completion operations performed on the subject well.																																
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> July 01, 2010																																
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates		<b>PHONE NUMBER</b> 435 781-9145																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Operations Clerk																														
		<b>DATE</b> 6/30/2010																														

# WELL CHRONOLOGY REPORT

Report Generated On: 06-30-2010

<b>Well Name</b>	ECW 102-16	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50551	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	04-23-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,090/ 9,090	<b>Property #</b>	064405
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,023/ 5,011				
<b>Location</b>	SECTION 16, T9S, R23E, NWSE, 2534 FSL & 1390 FEL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES;INC'	<b>WI %</b>	100.0	<b>NRI %</b>	81.0

AFE No		306719		AFE Total		1,461,200		DHC / CWC		575,800/ 885,400													
Rig Contr		TRUE		Rig Name		TRUE #34		Start Date		09-14-2009		Release Date		05-27-2010									
Rig Contr		TRUE		Rig Name		ROYAL RIG 1		Start Date		09-14-2009		Release Date		05-27-2010									
09-14-2009		Reported By		SHEILA MALLOY																			
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0													
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0													
MD		0		TVD		0		Progress		0		Days		0		MW		0.0		Visc		0.0	
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0											

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00	06:00	24.0	LOCATION DATA
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2534' FSL & 1390' FEL (NW/SE)

SECTION 16, T16S, R23E

UINTAH COUNTY, UTAH

LAT 40.035642, LONG 109.327469 (NAD 83)

LAT 40.035675, LONG 109.326792 (NAD 27)

TRUE #34

OBJECTIVE: 9090' MD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT

DD&A: NATURAL BUTTES

NATURAL BUTTES FIELD

LEASE: ML-47045

ELEVATION: 5010.3' NAT GL, 5011.3' PREP GL (DUE TO ROUNDING PREP GL IS 5011'), 5030' KB (19')

EOG WI 100%, NRI 81%

**RECEIVED** June 30, 2010

04-14-2010 Reported By TERRY CSERE

DailyCosts: Drilling \$75,000 Completion \$0 Daily Total \$75,000

Cum Costs: Drilling \$75,000 Completion \$0 Well Total \$75,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION STARTED.

04-15-2010 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$75,000 Completion \$0 Well Total \$75,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 30% COMPLETE.

04-16-2010 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$75,000 Completion \$0 Well Total \$75,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 50% COMPLETE.

04-19-2010 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$75,000 Completion \$0 Well Total \$75,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 70% COMPLETE.

04-20-2010 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$75,000 Completion \$0 Well Total \$75,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 SHOOTING TODAY.



04-21-2010 Reported By TERRY CSERE

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$75,000	Completion	\$0	Well Total	\$75,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TODAY.

04-22-2010 Reported By NATALIE BRAYTON

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$75,000	Completion	\$0	Well Total	\$75,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 90% COMPLETE.

04-23-2010 Reported By TERRY CSERE

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$75,000	Completion	\$0	Well Total	\$75,000

MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. START CLOSED LOOP. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 4/23/10 @ 8:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/20/10 @ 4:00 PM.

04-26-2010 Reported By TERRY CSERE

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$75,000	Completion	\$0	Well Total	\$75,000

MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STARTING CLOSED LOOP.

04-27-2010 Reported By TERRY CSERE

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$75,000	Completion	\$0	Well Total	\$75,000

MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description								
06:00	06:00	24.0	CLOSED LOOP 50% COMPLETE.								
04-28-2010			Reported By		TERRY CSERE						
DailyCosts: Drilling		\$0	Completion		\$0	Daily Total		\$0			
Cum Costs: Drilling		\$75,000	Completion		\$0	Well Total		\$75,000			
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	GEL CLOSED LOOP TODAY.								
04-29-2010			Reported By		TERRY CSERE						
DailyCosts: Drilling		\$0	Completion		\$0	Daily Total		\$0			
Cum Costs: Drilling		\$75,000	Completion		\$0	Well Total		\$75,000			
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	LOCATION COMPLETE. CRAIG’S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 4/23/2010 @ 08:00 AM. SET +/-60’ OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/23/10 @ 8:00 AM. NOTIFYCATIONS SENT ON 4/20/2010 @ 04:00 PM.								
05-06-2010			Reported By		KYLAN COOK						
DailyCosts: Drilling		\$190,603	Completion		\$0	Daily Total		\$190,603			
Cum Costs: Drilling		\$265,603	Completion		\$0	Well Total		\$265,603			
MD	2,431	TVD	2,431	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: WORT											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRU CRAIG’S AIR RIG #2 ON 4/30/2010. DRILLED 12-1/4" HOLE TO 2412’ GL (2431’ KB). ENCOUNTERED NO WATER. DRILLED WITH AIR AND FOAM TO 1830’ THEN PUMP DRILLED TO TD WITH PARTIAL LOSSES. RAN 57 JTS (2401.75’) OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2420.75’ KB. RAN 200’ OF 1" PIPE DOWN BACK SIDE. RDMO CRAIG’S AIR RIG #2.								
MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 170 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT WITH 0.3% VARSET, 2% CAL-SEAL, AND 2% ECONOLITE. MIXED LEAD CEMENT @ 10.5 PPG WITH YIELD OF 4.1 CF/SX. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT WITH 2% CACL2 MIXED TAIL CEMENT @ 15.6 PPG WITH YIELD OF 1.18 CF/SX. DISPLACED CEMENT WITH 182 BBLS FRESH WATER. BUMPED PLUG WITH 1000# @ 21:32 PM ON 5/4/10. FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 20 BBLS INTO LEAD CEMENT. LOST CIRCULATION 175 BBLS INTO DISPACLMENT. NO CEMENT TO SURFACE. WAIT ON CEMENT 4 HR.											
TOP JOB #1: PUMP DOWN 200’ OF 1’ PIPE. MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT WITH 2% CACL2. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX. HOLE FILLED AND STOOD FULL.											

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIG'S RIG #2 TOOK SURVEYS WHILE DRILLING HOLE @ 1500' = 1.00 DEGREE, 1950' = 3.00 DEGREE, 2190' = 3.00 DEGREE, AND 2370' = 3.00 DEGREE.

KERRY SALES NOTIFIED BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 5/2/10 @ 9:45 AM.  
KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING & CEMENT JOB VIA  
PHONE ON 5/2/10 @ 9:45 AM.

05-20-2010		Reported By		JOHNNY TURNER							
DailyCosts: Drilling		\$102,526		Completion		\$0		Daily Total		\$102,526	
Cum Costs: Drilling		\$368,129		Completion		\$0		Well Total		\$368,129	
MD	2,431	TVD	2,431	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING FLOAT EQUIPMENT & CEMENT											

Start	End	Hrs	Activity Description						
08:00	22:00	14.0	RIG DOWN, PRE MOVE SAFETY MEETING. DERRICK LAID OVER @ 10:00. RIG UP RAISED DERRICK @ 18:00. (TRUCKS RELEASED @ 18:30) NIPPLE BOP. RIG ON DAYWORK @ 22:00 HRS, 5/19/2010.						
22:00	01:30	3.5	PJSM WITH B & C QUICK TEST. RU & TEST PIPE RAMS, BLIND RAMS, HCR, CHOKE LINES, MANIFOLD, KILL LINE VALVES, UPPER & LOWER KELLY VALVES. 250# LOW, 5000# HIGH 10 MIN. TEST ANNULAR 250# LOW, 2500# HIGH FOR 10 MIN.						
01:30	02:00	0.5	TEST CASING TO 1500# FOR 30 MIN.						
02:00	02:30	0.5	INSTALL WEAR BUSHING.						
02:30	05:00	2.5	RIG UP LAY DOWN TRUCK AND PICK UP BHA AND DRILLPIPE						
05:00	05:30	0.5	INSTALL ROTATING HEAD						
05:30	06:00	0.5	DRILL CEMENT/FLOAT EQUIP. TAG CEMENT @ 2343'.						

NO INCIDENTS OR ACCIDENT REPORTED. FULL CREWS

TRANSFER: FROM ECW 106-16 THE FOLLOWING

9 JOINTS OF N-80 X 11.6# 4.5" CASING LENGTH 353.56' THREADS OFF

1 MARKER JOINT P-110 X 11.6# 4.5" CASING LENGTH 11.93' THREADS OFF.

2860 GALLONS DIESEL FUEL TOTAL COST \$8208.00

05-21-2010		Reported By		JOHNNY TURNER							
DailyCosts: Drilling		\$37,628		Completion		\$0		Daily Total		\$37,628	
Cum Costs: Drilling		\$405,758		Completion		\$0		Well Total		\$405,758	
MD	4,700	TVD	4,700	Progress	2,269	Days	1	MW	10.5	Visc	37.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 4700'											

Start	End	Hrs	Activity Description						
06:00	07:00	1.0	DRILL CEMENT/FLOAT EQUIP & 10' OF FORMATION						
07:00	07:30	0.5	F.I.T. @ 2441 W/ 279 PSI (12.8 EMW)						
07:30	08:00	0.5	DRILL FROM 2441' TO 2503'. ROP 95-105' PER HOUR, SPP 1615#, DIFF. 276, WOB 16-18, RPM 40-42, ROP 95-105 FPH, MUD WEIGHT 10.6, VIS 37.						
08:00	08:30	0.5	SERVICE RIG						
08:30	13:00	4.5	DRILL FROM 2503' TO 3006'. (503') 112'/HR. SPP 1996, DIFF. 300-345, WOB 16-20, RPM 50-52, MM 98.						

MUD WEIGHT 10.5, VIS 39

13:00	13:30	0.5 SURVEY @ 2930', 3.52 DEGREES
13:30	21:00	7.5 DRILL FROM 3006' TO 3885' (879') 117'/HR. SPP 2166, DIFF. 300-350, WOB 16-20, RPM 50-55, MM 98. MUD WEIGHT 10.5, VIS 37
21:00	21:30	0.5 SURVEY @ 3809, 3.23 DEGREES
21:30	04:30	7.0 DRILL FROM 3885' TO 4604' (719') 103'/HR. SPP 2270, DIFF. 300-350, WOB 18-22, RPM 50-53, MM 98. MUD WEIGHT 10.6, VIS 39
04:30	05:00	0.5 SURVEY @ 4526', 2.69 DEGREES
05:00	06:00	1.0 DRILL FROM 4604' TO 4700'. (96') 96'/HR. SPP 2278, DIFF. 300-350, WOB 18-22, RPM 50-53, MM 98. MUD WEIGHT 10.6, VIS 39.

NO ACCIDENTS, NO INCIDENTS, COM CHECK DRILLING.

FULL CREWS. BOP DRILLS BOTH CREWS

FUEL 8322, USED 1254 GAL.

06:00 SPUD A 7 3/4" PRODUCTION HOLE @ 7:30 HRS, 5/21/2010.

**05-22-2010**      **Reported By**      JOHNNY TURNER

<b>Daily Costs: Drilling</b>	\$24,402	<b>Completion</b>	\$543	<b>Daily Total</b>	\$24,945
<b>Cum Costs: Drilling</b>	\$430,160	<b>Completion</b>	\$543	<b>Well Total</b>	\$430,703

<b>MD</b>	6,000	<b>TVD</b>	6,000	<b>Progress</b>	1,300	<b>Days</b>	2	<b>MW</b>	10.6	<b>Visc</b>	39.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** DRILLING @ 6000'

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRILL FROM 4700' TO 5074'. (374') ROP 68 FPH, SPP 2145, MM SPEED 104, DIFF. 300-375, WOB 18-22, RPM 40-55, MUD WEIGHT 10.6, VIS 40.
11:30	12:00	0.5	SERVICE RIG.
12:00	06:00	18.0	DRILL FROM 5074' TO 6000'. 926', ROP 51.4 FPH, SPP 2230, DIFF. 300-350, WOB 18-22, RPM 45-50, MM 97, MUD WEIGHT 10.7, VIS 40, FORMATION BUCK CANYON 5919'.

FULL CREWS

NO ACCIDENTS, NO INCIDENTS, FUEL 6954 GALS., USED 1368 GALS., COM CHECK ,DRILLING

**05-23-2010**      **Reported By**      JOHNNY TURNER

<b>Daily Costs: Drilling</b>	\$37,115	<b>Completion</b>	\$0	<b>Daily Total</b>	\$37,115
<b>Cum Costs: Drilling</b>	\$464,272	<b>Completion</b>	\$543	<b>Well Total</b>	\$464,815

<b>MD</b>	6,800	<b>TVD</b>	6,800	<b>Progress</b>	800	<b>Days</b>	3	<b>MW</b>	11.0	<b>Visc</b>	38.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** DRILLING @ 6800'

Start	End	Hrs	Activity Description
06:00	15:00	9.0	DRILL FROM 6000' TO 6325'. 325', ROP 36.1, SPP 2350, DIFF. 100-300, WOB 20-24, RPM 40-45, MM 97 MUD WEIGHT 10.9, VIS 38, BUCK HORN 5919.
15:00	15:30	0.5	SERVICE RIG.
15:30	06:00	14.5	DRILL FROM 6325' TO 6800', 475', ROP 32.7, SPP 2375, DIFF. 200-350, WOB 20-24, RPM 40-45, MM 86, MUD WEIGHT 11.0, VIS 38, NORTH HORN 6452'.

NO ACCIDENT, NO INCIDENT, BOTH CREWS FULL, COM CHECK DRILLING, FUEL ON HAND 6954 GAL., USED 1368 GAL

05-24-2010 Reported By JOHNNY TURNER

<b>Daily Costs: Drilling</b>	\$22,891	<b>Completion</b>	\$0	<b>Daily Total</b>	\$22,891
<b>Cum Costs: Drilling</b>	\$487,163	<b>Completion</b>	\$543	<b>Well Total</b>	\$487,706

<b>MD</b>	7,700	<b>TVD</b>	7,700	<b>Progress</b>	900	<b>Days</b>	4	<b>MW</b>	11.2	<b>Visc</b>	40.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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Activity at Report Time: DRILLING @ 7700'

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL FROM 6800' TO 6947' = 147', ROP 42 FPH, SPP 2450, DIFF 150-400, WOB 20-24, RPM 40-45, MM 92, MUD WEIGHT 11.1, VIS 39 FORMATION PRICE RIVER.
09:30	10:00	0.5	SERVICE RIG.
10:00	06:00	20.0	DRILL FROM 6947' TO 7700' = 753', ROP 37.65 FPH, SPP 2445, DIF. 120-350, WOB 20-24, RPM 40-45, MM 90, MUD WEIGHT 11.4, VIS 38, FORMATION PRICE RIVER 7609'.

BOTH CREWS FULL. NO ACCIDENT, NO INCIDENT, COM CHECK DRILLING, FUEL 4104 GALS, USED 1368.

05-25-2010 Reported By JOHNNY TURNER

<b>Daily Costs: Drilling</b>	\$46,989	<b>Completion</b>	\$0	<b>Daily Total</b>	\$46,989
<b>Cum Costs: Drilling</b>	\$534,152	<b>Completion</b>	\$543	<b>Well Total</b>	\$534,695

<b>MD</b>	8,240	<b>TVD</b>	8,240	<b>Progress</b>	540	<b>Days</b>	5	<b>MW</b>	11.5	<b>Visc</b>	38.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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Activity at Report Time: DRILLING @ 8240'

Start	End	Hrs	Activity Description
06:00	11:30	5.5	DRILL FROM 6700' TO 6851, 151', ROP 27.5 FPH, SPP 2550, DIF. 100-350, WOB 20-24, RPM 40-45. MM 90, MUD WEIGHT 11.4#, VIS 41, FORMATION PRICE RIVER 7609'.
11:30	12:00	0.5	SERVICE RIG.
12:00	16:00	4.0	PUMP SLUG & TRIP FOR BIT #1, TIGHT HOLE @ 5223-4513, COM TRIPPING.
16:00	17:00	1.0	LAY DOWN 2 REAMERS & MUD MOTOR & PICKUP FRESH MUD MOTOR.
17:00	20:00	3.0	TRIP IN HOLE W/ BIT #2 (FILL PIPE 2420', 4980') TAG BRIDGE @ 5081', COM CHECK TRIPPING.
20:00	20:30	0.5	WASH & REAM FROM 7730' TO 7851' WITH 5' OF FILL.
20:30	06:00	9.5	DRILL FROM 7851' TO 8240', 389', 40.9 ROP, SPP 2670, DIFF. 100-350, WOB 20-24, RPM 40-50, MM 64, MUD WEIGHT 11.5, VIS 40.

FORMATION PRICE RIVER (MIDDLE) 7609', FUEL 2850 GAL., USED 1254 GAL., FULL CREWS, NO ACCIDENTS, NO INCIDENTS, COM CHECK DRILLING

05-26-2010 Reported By JOHNNY TURNER

<b>Daily Costs: Drilling</b>	\$33,888	<b>Completion</b>	\$0	<b>Daily Total</b>	\$33,888
<b>Cum Costs: Drilling</b>	\$562,226	<b>Completion</b>	\$543	<b>Well Total</b>	\$562,769

<b>MD</b>	9,004	<b>TVD</b>	9,004	<b>Progress</b>	764	<b>Days</b>	6	<b>MW</b>	11.5	<b>Visc</b>	40.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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Activity at Report Time: DRILLING @ 9004'

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL FROM 8240' TO 8459' = 219', ROP 31.3 FPH, SPP 2600, DIFF. 100-300, WOB 20-24, RPM 40-50, MM 66, MUD WEIGHT 11.5, VIS 39, FORMATION PRICE RIVER(LOWER) 8376'
13:00	13:30	0.5	SERVICE RIG ( FUNCTION PIPE RAMS)
13:30	06:00	16.5	DRILL FROM 8459' TO 9004' = 545', ROP 33 FPH, SPP 2600, DIFF. 100-250, WOB 20-24, RPM 40-50, MM 64, MUD WEIGHT 11.5, VIS 39, FORMATION SEGO 8892', FUEL 3078 GAL., USED 1272 GAL.

NO ACCIDENT, NO INCIDENT, FULL CREWS, COM CHECK DRILLING.

05-27-2010		Reported By		JOHNNY TURNER							
Daily Costs: Drilling		\$36,094		Completion		\$7,245		Daily Total		\$43,339	
Cum Costs: Drilling		\$598,320		Completion		\$7,788		Well Total		\$606,108	
MD	9,090	TVD	9,090	Progress	86	Days	7	MW	9.7	Visc	39.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: CEMENTING 4.5" CASING											
Start	End	Hrs	Activity Description								
06:00	08:00	2.0	DRILL FROM 9004' TO 9052' = 48', ROP 24 FPH, SPP 2660, DIFF. 200-350, WOB 20-24, MM 66, RPM 40-50, MUD WEIGHT 11.7, VIS 39								
08:00	08:30	0.5	SERVICE RIG ( FUNCTION PIPE RAMS)								
08:30	10:00	1.5	DRILL FROM 9052' TO 9090' = 38', ROP 25 FPH, SPP 2600, DIFF. 200-350, WOB 20-24, MM 66, RPM 40-50, MUD WEIGHT 11.7, VIS 39, REACHED TD @ 10:00 HRS, 5/26/2010.								
10:00	11:00	1.0	CIRCULATE @ TD (9090') FOR SHORT TRIP								
11:00	12:00	1.0	SHORT TRIP TO 7568' (FUNCTION COM FOR TRIP)								
12:00	13:00	1.0	TRIP IN HOLE (5' OF FILL)								
13:00	14:00	1.0	CIRCULATE TO LAY DOWN DRILLPIPE (HOLD SAFETY MEETING W/ LAY DOWN CREW)								
14:00	14:30	0.5	SURVEY @ TD & PUMP PILL TO LAY DOWN DRILLPIPE (MISS RUN ON SURVEY)								
14:30	19:30	5.0	LAY DOWN DRILLPIPE (WORK TIGHT HOLE 5126', 5020', 4322' TO 4290')								
19:30	20:00	0.5	PICK UP KELLY, BREAK ALL CONNECTIONS ON KELLY, REMOVE DRIVE BUSHING & PULL ROTATING RUBBER								
20:00	21:00	1.0	LAY DOWN BHA								
21:00	21:30	0.5	PULL WEAR BUSHING								
21:30	22:00	0.5	SAFETY MEETING W/ CASERS & RIG UP CASERS								
22:00	03:30	5.5	RUN 215 JTS OF 4.5", 11.6#, N-80, LT&C CASING W/ 2 MARKER JTS. SET @ 9083'. RUN 3 TURBOLIZERS ON BOTTOM 3 JTS AND 25 CENTRILIZERS ON EVERY 3 JOINT. FLOAT SHOE @ 9083', FLOAT COLLAR @ 9039'. RAN 2 MARKER JTS 1 @ 4242' & 1 @ 6717'								
03:30	04:00	0.5	INSTALL MANDREL, LAND CASING & HOOK UP CEMENT HEAD TO CIRCULATE.								
04:00	05:30	1.5	DROP BALL, PUMP BALL THROUGH FLOATS & CIRCULATE CASING ON BOTTOM								
05:30	06:00	0.5	CEMENTING/ WITH HALLIBURTON.								
NO INCENDENTS OR ACCIDENTS REPORTED											
SAFETY MEETINGS HELD: RUNNING CASING - CEMENTING - LAYING DOWN DRILL PIPE											
FULL CREWS											
ON HAND 2394 GALLONS = USED 684 GALLONS											

05-28-2010		Reported By		JOHNNY TURNER							
Daily Costs: Drilling		\$164,580		Completion		\$0		Daily Total		\$164,580	
Cum Costs: Drilling		\$762,900		Completion		\$7,788		Well Total		\$770,688	
MD	9,090	TVD	9,090	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: RDRT/ WO COMPLETION											
Start	End	Hrs	Activity Description								

06:00 10:00 4.0 TEST CEMENT LINES TO 5000#. PUMP 10 BBLS FRESH WATER SPACER, 20 BBLS MUD FLUSH, 141 BBLS (485SKS) 12.3#, 1.69 YEILD OF LEAD CEMENT(HIGHBOND 75, 4% BENTONITE, VERSASET, 55 LB SK). 336 BBLS (1275 SKS) 13.5#, 1.46 YEILD OF TAIL CEMENT ( .125lbm POLYFLAKE). 140 BBLS OF FRESH WATER DISPLACEMENT. PUMP PLUG @ 2700#,PRESSURED UP TO 4200#, HELD FOR 5 MIN., RELEASE PRESSURE & CHECK FLOATS, FLOATS HELD. PRESSURE UP TO 1500# SHUT IN & HOLD PRESSURE FOR 2 HOURS. BUMP PLUG @ 08:00.

10:00 10:30 0.5 SET CASING HEAD PACK OFF & TEST TO 5000#. CLEAN MUD PITS.

TRANSFERED 2166 GALS. OF FUEL TO THE NCW 343-23, TRANSFERED 119.2' OF 4.5" 11.6, N-80, LT&C CASING & 10.35' OF 4.5" 11.60#, P-110, LT&C MARKER JOINT TO NCW 343-23, TRANSFERED 80.73' OF 4.5", 11.6#, N-80, LT&C CASING TO WHITE RIVER YARD.

NO ACCIDENT, NO INCIDENT, SAFETY MEETING W/ CREWS & TRUCK DRIVERS. FULL CREWS.

10:30 RIG RELEASED @ 10:30 AM, 5/27/2010.

CASING POINT COST \$751,380

**06-01-2010** **Reported By** SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$29,300	<b>Daily Total</b>	\$29,300
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$37,088	<b>Well Total</b>	\$799,988
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	9	<b>MW</b>	0.0	<b>Visc</b>	0.0

**Formation :** **PBTD :** 9037.0 **Perf :** **PKR Depth :** 0.0

**Activity at Report Time:** PREP FOR FRACS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM 8987' TO 1000'. EST CEMENT TOP @ 2500'. RD SCHLUMBERGER.

**06-22-2010** **Reported By** MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$1,433	<b>Daily Total</b>	\$1,433
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$38,521	<b>Well Total</b>	\$801,421
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	10	<b>MW</b>	0.0	<b>Visc</b>	0.0

**Formation :** MESAVERDE **PBTD :** 9037.0 **Perf :** 7519'-8797' **PKR Depth :** 0.0

**Activity at Report Time:** FRAC

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	STAGE 1. MIRU CUTTERS WIRELINE & PERFORATE LPR FROM 8588'-89', 8601'-02', 8624'-25', 8630'-31', 8650'-51', 8664'-65', 8682'-83', 8692'-93', 8735'-36', 8764'-65', 8779'-80', 8796'-97' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 8503 GAL 16# LINEAR W/10900# 20/40 SAND @ 1-1.5 PPG, 37082 GAL 16# DELTA 200 W/107200# 20/40 SAND @ 2-4 PPG. MTP 5316 PSIG. MTR 50.5 BPM. ATP 4325 PSIG. ATR 45.3 BPM. ISIP 2754 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 8554'. PERFORATE MPR/LPR FROM 8307'-09', 8315'-17', 8375'-77', 8394'-95', 8437'-38', 8461'-62', 8485'-85', 8496'-97', 8532'-33' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7375 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 42504 GAL 16# DELTA 200 W/144200# 20/40 SAND @ 2-5 PPG. MTP 5808 PSIG. MTR 50.1 BPM. ATP 2710 PSIG. ATR 49.1 BPM. ISIP 3316 PSIG. RD HALLIBURTON.



STAGE 3. RUWL. SET 6K CFP AT 8250'. PERFORATE MPR FROM 8080'-81', 8089'-90', 8097'-98', 8119'-20', 8140'-41', 8165'-66', 8172'-73', 8181'-82', 8194'-95', 8200'-01', 8219'-20', 8230'-31' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7496 GAL 16# LINEAR W/8600# 20/40 SAND @ 1-1.5 PPG, 42126 GAL 16# DELTA 200 W/145600# 20/40 SAND @ 2-5 PPG. MTP 5175 PSIG. MTR 51.6 BPM. ATP 4840 PSIG. ATR 49.2 BPM. ISIP 3354 PSIG. RD HALLIBURTON.

STAGE 4. RUWL. SET 6K CFP AT 8053'. PERFORATE MPR FROM 7852'-53', 7856'-57', 7873'-74', 7889'-90', 7907'-08', 7921'-22', 7938'-39', 7948'-49', 7965'-66', 7992'-93', 8024'-26' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7354 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 48016 GAL 16# DELTA 200 W/167500# 20/40 SAND @ 2-5 PPG. MTP 5981 PSIG. MTR 49.5 BPM. ATP 4777 PSIG. ATR 46.1 BPM. ISIP 3315 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 7512'. PERFORATE UPR/MPR FROM 7584'-85', 7603'-04', 7637'-38', 7655'-56', 7673'-74', 7681'-82', 7702'-03', 7711'-12', 7728'-29', 7771'-72', 7780'-81', 7791'-92' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7404 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 47773 GAL 16# DELTA 200 W/166500# 20/40 SAND @ 2-5 PPG. MTP 6072 PSIG. MTR 51.2 BPM. ATP 4666 PSIG. ATR 49.3 BPM. ISIP 2540 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7537'. PERFORATE UPR FROM 7275'-76', 7291'-92', 7301'-02', 7331'-32', 7338'-39', 7346'-47', 7380'-81', 7457'-58', 7486'-87', 7496'-97', 7508'-09', 7519'-20' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7360 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 40804 GAL 16# DELTA 200 W/144500# 20/40 SAND @ 2-5 PPG. MTP 5538 PSIG. MTR 50.9 BPM. ATP 4007 PSIG. ATR 47.4 BPM. ISIP 2478 PSIG. RD HALLIBURTON. SDFN.

06-23-2010		Reported By		MCCURDY							
Daily Costs: Drilling		\$0		Completion		\$429,253		Daily Total		\$429,253	
Cum Costs: Drilling		\$762,900		Completion		\$467,774		Well Total		\$1,230,674	
MD	9,090	TVD	9,090	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9037.0			Perf : 5155'-8797'			PKR Depth : 0.0		
Activity at Report Time: MIRUSU CLEANOUT SAND AND DRILL OUT FRAC PLUGS											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	STAGE 7. INTIAL PRESSURE 1501 PSIG. RUWL. SET 6K CFP AT 7225'. PERFORATE UPR FROM 6983'-84', 6991'-92', 7004'-05', 7034'-35', 7093'-94', 7107'-08', 7137'-38', 7145'-46', 7164'-66', 7191'-92', 7202'-03' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7380 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 42132 GAL 16# DELTA 200 W/144200# 20/40 SAND @ 2-5 PPG. MTP 5222 PSIG. MTR 50.6 BPM. ATP 3795 PSIG. ATR 49.3 BPM. ISIP 2256 PSIG. RD HALLIBURTON.								
STAGE 8. RUWL. SET 6K CFP AT 6930'. PERFORATE NH/UPR FROM 6627'-28', 6659'-60', 6670'-71', 6727'-28', 6743'-44', 6761'-62', 6790'-91', 6802'-03', 6842'-43', 6864'-65', 6884'-85', 6910'-11' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 8391 GAL 16# LINEAR W/11000# 20/40 SAND @ 1-1.5 PPG, 53363 GAL 16# DELTA 200 W/179000# 20/40 SAND @ 2-5 PPG. MTP 4349 PSIG. MTR 52.9 BPM. ATP 3346 PSIG. ATR 49.3 BPM. ISIP 2383 PSIG. RD HALLIBURTON.											
STAGE 9. RUWL. SET 6K CFP AT 6475'. PERFORATE Ba FROM 6026'-27', 6036'-37', 6057'-58', 6152'-53', 6175'-76', 6222'-23', 6241'-42', 6268'-69', 6272'-73', 6315'-16', 6419'-20', 6451'-52' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 7323 GAL 16# LINEAR W/9400# 20/40 SAND @ 1-1.5 PPG, 23285 GAL 16# DELTA 200 W/74700# 20/40 SAND @ 2-4 PPG. MTP 6006 PSIG. MTR 52.5 BPM. ATP 4843 PSIG. ATR 46.1 BPM. ISIP 1866 PSIG. RD HALLIBURTON.											
STAGE 10. RUWL. SET 6K CFP AT 5984'. PERFORATE Ca FROM 5759'-61', 5767'-68', 5777'-78', 5793'-94', 5838'-40', 5850'-52', 5880'-81', 5948'-49', 5961'-62' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 7351 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 29818 GAL 16# DELTA 200 W/96100# 20/40 SAND @ 2-4 PPG. MTP 4894 PSIG. MTR 50.4 BPM. ATP 3302 PSIG. ATR 49.2 BPM. ISIP 1768 PSIG. RD HALLIBURTON.											



STAGE 11. RUWL. SET 6K CFP AT 5440'. PERFORATE Pp/Ca FROM 5155'-56', 5163'-64', 5178'-80', 5267'-68', 5286'-87', 5301'-02', 5314'-15', 5333'-34', 5353'-54', 5394'-95', 5414'-15' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500) ,7377 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 34723 GAL 16# DELTA 200 W/119700# 20/40 SAND @ 2-4 PPG. MTP 4784 PSIG. MTR 50.5 BPM. ATP 3092 PSIG. ATR 49.7 BPM. ISIP 1837 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5062'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALIBURTON SERVICES. SWIFN.

06-24-2010		Reported By		BASTIAN							
DailyCosts: Drilling		\$0		Completion		\$5,580		Daily Total		\$5,580	
Cum Costs: Drilling		\$762,900		Completion		\$473,354		Well Total		\$1,236,254	
MD	9,090	TVD	9,090	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9037.0			Perf : 5155’-8797’			PKR Depth : 0.0		
Activity at Report Time: POST FRAC CLEAN OUT											
Start	End	Hrs	Activity Description								
07:00	16:00	9.0	MIRUSU. ND FRAC TREE & NU BOP. TESTED BLIND RAMS TO 3000 PSIG. RIH W/BIT & POBS TO CBP. TESTED PIPE RAMS TO 3000 PSIG/5 MIN. TESTED UPPER PIPE RAMS TO 3000 PSIG/5 MIN. SDFN.								

06-25-2010		Reported By		BASTIAN							
DailyCosts: Drilling		\$0		Completion		\$5,470		Daily Total		\$5,470	
Cum Costs: Drilling		\$762,900		Completion		\$478,824		Well Total		\$1,241,724	
MD	9,090	TVD	9,090	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 90370.0			Perf : 5155'-8797'			PKR Depth : 0.0		
Activity at Report Time: DRILL OUT PLUGS											
Start	End	Hrs	Activity Description								
07:00	16:00	9.0	SITP 0 PSIG. SICP 0 PSIG. HELD SAFETY MTG. PRESSURE TESTED FLOW LINES & BOPE TO 2500 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5062', 5440', 5984', 6475', 6930', 7225 ', 7537', 7812', 8053', 8250', & 8554'. RIH AND CLEANED OUT TO 9037'. LANDED TBG @ 7257.76' KB. ND BOPE & NU TREE. PUMPED OFF BIT & SUB. RDMOSU.								

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'  
 1 JT 2-3/8 4.7# N-80 TBG 32.63'  
 XN NIPPLE 1.81 ID 1.30'  
 220 JTS 2-3/8 4.7# N-80 TBG 7203.83'  
 BELOW KB 19.00'  
 LANDED @ 7257.76' KB

FLOWED 12 HRS. 24/64 CHOKE. FTP- 975 PSIG, CP- 1300 PSIG. 60 BFPH. RECOVERED 760 BBLS, 13916 BLWTR.

<b>06-26-2010</b>		<b>Reported By</b>		BASTIAN							
<b>DailyCosts: Drilling</b>		\$0		<b>Completion</b>		\$1,700		<b>Daily Total</b>		\$1,700	
<b>Cum Costs: Drilling</b>		\$762,900		<b>Completion</b>		\$480,524		<b>Well Total</b>		\$1,243,424	
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 90370.0</b>		<b>Perf : 5155'-8797'</b>				<b>PKR Depth : 0.0</b>			

**Activity at Report Time: FLOW TEST TO SALE**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION. OPENING PRESSURE: TP 925 PSIG & CP 1400 PSIG. TURNED WELL OVER TO QUESTAR SALES AT 10:00 AM, 6/25/10. FLOWED 350 MCFD RATE ON 24/64" POS CHOKE. STATIC 234. QUESTAR METER #008497.

FLOWED 24 HRS 24/64 CHOKE FTP 950 PSI CSG 1700 PSI 52 BFPH RECOVERED 1332 BBLS 12,584 BLWTR.

**06-27-2010**      **Reported By**      BASTIAN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$5,700	<b>Daily Total</b>	\$5,700
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$486,224	<b>Well Total</b>	\$1,249,124
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 90370.0</b>		<b>Perf : 5155'-8797'</b>	
				<b>PKR Depth : 0.0</b>	

**Activity at Report Time: FLOW BACK**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS 24/64 CHOKED FTP 900 PSI CSG 1850 PSI 48 BFPH RECOVERED 1164 BBLS 11,418 BLWTR 650 MCF SALES.

**06-28-2010**      **Reported By**      BASTIAN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$5,700	<b>Daily Total</b>	\$5,700
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$491,924	<b>Well Total</b>	\$1,254,824
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 90370.0</b>		<b>Perf : 5155'-8797'</b>	
				<b>PKR Depth : 0.0</b>	

**Activity at Report Time: FLOW TEST**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES 24 HRS. 24/64 CHOKE. FTP 875 PSIG. CP 1850 PSIG. 44 BFPH. RECOVERED 1052 BLW. 10,356 BLWTR. 690 MCFD RATE.

**06-29-2010**      **Reported By**      BASTIAN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$5,700	<b>Daily Total</b>	\$5,700
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$497,624	<b>Well Total</b>	\$1,260,524
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	17	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 90370.0</b>		<b>Perf : 5155'-8797'</b>	
				<b>PKR Depth : 0.0</b>	

**Activity at Report Time: FLOW BACK**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64 CHOKE. FTP- 850 PSIG, CP- 944 PSIG. 38 BFPH. RECOVERED 944 BBLS, 9412 BLWTR. 725 MCF/D. FLOWED THROUGH TEST UNIT TO SALES.

**06-30-2010**      **Reported By**      BASTIAN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$4,700	<b>Daily Total</b>	\$4,700
<b>Cum Costs: Drilling</b>	\$762,900	<b>Completion</b>	\$502,324	<b>Well Total</b>	\$1,265,224
<b>MD</b>	9,090	<b>TVD</b>	9,090	<b>Progress</b>	0
<b>Days</b>	18	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 90370.0</b>		<b>Perf : 5155'-8797'</b>	
				<b>PKR Depth : 0.0</b>	

**Activity at Report Time: FLOW TEST TO SALES**

Start	End	Hrs	Activity Description
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06:00      06:00      24.0 FLOWED THROUGH TEST UNIT 24 HRS. 24/64 CHOKE. FTP 825 PSIG. CP 1800 PSIG. 36 BFPH. RECOVERED 864  
BLW. 8548 BLWTR. 774 MCFD RATE.

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-47045</b>
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR: <b>EOG RESOURCES, INC.</b>		7. UNIT or CA AGREEMENT NAME
3. ADDRESS OF OPERATOR: <b>1060 EAST HWY 40 CITY VERNAL STATE UT ZIP 84078</b>		8. WELL NAME and NUMBER: <b>East Chapita 102-16</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2534 FSL &amp; 1390 FEL 40.035642 Lat 109.327469 Lon</b> AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>SAME</b> AT TOTAL DEPTH: <b>SAME</b>		9. API NUMBER: <b>43-047-50551</b>
10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWSE 16 9S 23E S</b>
12. COUNTY <b>Uintah</b>		13. STATE <b>UTAH</b>
14. DATE SPUDDED: <b>4/23/2010</b>	15. DATE T.D. REACHED: <b>5/26/2010</b>	16. DATE COMPLETED: <b>6/25/2010</b>
17. ELEVATIONS (DF, RKB, RT, GL): <b>5,010 GL</b>		18. TOTAL DEPTH: MD <b>9,090</b> TVD
19. PLUG BACK T.D.: MD <b>9,037</b> TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE MD PLUG SET: TVD		22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>✓ RST/CBL/CCL/VDL/GR</b>
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	9.625 J-55	36.0	0	2,421		650		0	
7.875	4.5 N-80	11.6	0	9,083		1760		2500	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	7,258							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch/Mesaverde	5,155	8,797			5,155 5,415		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					5,759 5,962		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					6,026 6,452		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					6,627 6,911		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5155-5415	42,155 GALS OF GELLED WATER & 129,200# 20/40 SAND
5759-5962	37,224 GALS OF GELLED WATER & 105,600# 20/40 SAND
6026-6452	30,663 GALS OF GELLED WATER & 84,100# 20/40 SAND

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: \_\_\_\_\_

30. WELL STATUS:

PRODUCING

RECEIVED

JUL 28 2010

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/25/2010		TEST DATE: 7/10/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 22	GAS – MCF: 1,112	WATER – BBL: 375	PROD. METHOD: Flows
CHOKE SIZE: 24/64	TBG. PRESS. 750	CSG. PRESS. 1,400	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 22	GAS – MCF: 1,112	WATER – BBL: 375	INTERVAL STATUS: Producing

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch/Mesaverde	5,155	8,797		Green River	1,477
				Birds Nest Zone	1,784
				Mahogany	2,397
				Uteland Butte	4,549
				Wasatch	4,658
				Chapita Wells	5,261
				Buck Canyon	5,950
				Price River	6,829
				Middle Price River	7,622

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Michelle Robles

TITLE Regulatory Assistant

SIGNATURE

Michelle Robles

DATE 7/22/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

East Chapita 102-16 - ADDITIONAL REMARKS (CONTINUED):

**26. PERFORATION RECORD**

6983-7203	3/spf
7275-7520	3/spf
7584-7792	3/spf
7852-8026	3/spf
8080-8231	3/spf
8307-8533	3/spf
8588-8797	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

6627-6911	61,974 GALS GELLED WATER & 190,000# 20/40 SAND
6983-7203	49,732 GALS GELLED WATER & 153,800# 20/40 SAND
7275-7520	48,384 GALS GELLED WATER & 154,000# 20/40 SAND
7584-7792	55,397 GALS GELLED WATER & 176,000# 20/40 SAND
7852-8026	55,590 GALS GELLED WATER & 177,000# 20/40 SAND
8080-8231	49,842 GALS GELLED WATER & 154,200# 20/40 SAND
8307-8533	50,099 GALS GELLED WATER & 153,700# 20/40 SAND
8588-8797	45,805 GALS GELLED WATER & 118,100# 20/40 SAND

PERFORATE LOWER PRICE RIVER FROM 8588'-89', 8601'-02', 8624'-25', 8630'-31', 8650'-51', 8664'-65', 8682'-83', 8692'-93', 8735'-36', 8764'-65', 8779'-80', 8796'-97' @ 3 SPF.

PERFORATE MIDDLE PRICE RIVER/LOWER PRICE RIVER FROM 8307'-09', 8315'-17', 8375'-77', 8394'-95', 8437'-38', 8461'-62', 8485'-85', 8496'-97', 8532'-33' @ 3 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 8080'-81', 8089'-90', 8097'-98', 8119'-20', 8140'-41', 8165'-66', 8172'-73', 8181'-82', 8194'-95', 8200'-01', 8219'-20', 8230'-31' @ 3 SPF.

PERFORATE MIDDLE PRICE RIVER FROM 7852'-53', 7856'-57', 7873'-74', 7889'-90', 7907'-08', 7921'-22', 7938'-39', 7948'-49', 7965'-66', 7992'-93', 8024'-26' @ 3 SPF.

PERFORATE UPPER PRICE RIVER/MIDDLE PRICE RIVER FROM 7584'-85', 7603'-04', 7637'-38', 7655'-56', 7673'-74', 7681'-82', 7702'-03', 7711'-12', 7728'-29', 7771'-72', 7780'-81', 7791'-92' @ 3 SPF.

PERFORATE UPPER PRICE RIVER FROM 7275'-76', 7291'-92', 7301'-02', 7331'-32', 7338'-39', 7346'-47', 7380'-81', 7457'-58', 7486'-87', 7496'-97', 7508'-09', 7519'-20' @ 3 SPF.



PERFORATE UPPER PRICE RIVER FROM 6983'-84', 6991'-92', 7004'-05',  
7034'-35', 7093'-94', 7107'-08', 7137'-38', 7145'-46', 7164'-66', 7191'-92', 7202'-03'  
@ 3 SPF.

PERFORATE NH/UPPER PRICE RIVER FROM 6627'-28', 6659'-60', 6670'-71',  
6727'-28', 6743'-44', 6761'-62', 6790'-91', 6802'-03', 6842'-43', 6864'-65', 6884'-85',  
6910'-11' @ 3 SPF

PERFORATE Ba FROM 6026'-27', 6036'-37', 6057'-58', 6152'-53', 6175'-76',  
6222'-23', 6241'-42', 6268'-69', 6272'-73', 6315'-16', 6419'-20', 6451'-52' @ 3 SPF.

PERFORATE Ca FROM 5759'-61', 5767'-68', 5777'-78', 5793'-94', 5838'-40',  
5850'-52', 5880'-81', 5948'-49', 5961'-62' @ 3 SPF.

PERFORATE Pp/Ca FROM 5155'-56', 5163'-64', 5178'-80', 5267'-68', 5286'-87',  
5301'-02', 5314'-15', 5333'-34', 5353'-54', 5394'-95', 5414'-15' @ 3 SPF.

### 32. FORMATION (LOG) MARKERS

Lower Price River	8380
Sego	8933

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML47045
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N, Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> EC 102-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2534 FSL 1390 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 16 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047505510000
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>4/9/2012</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">Measurement variance propd</span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

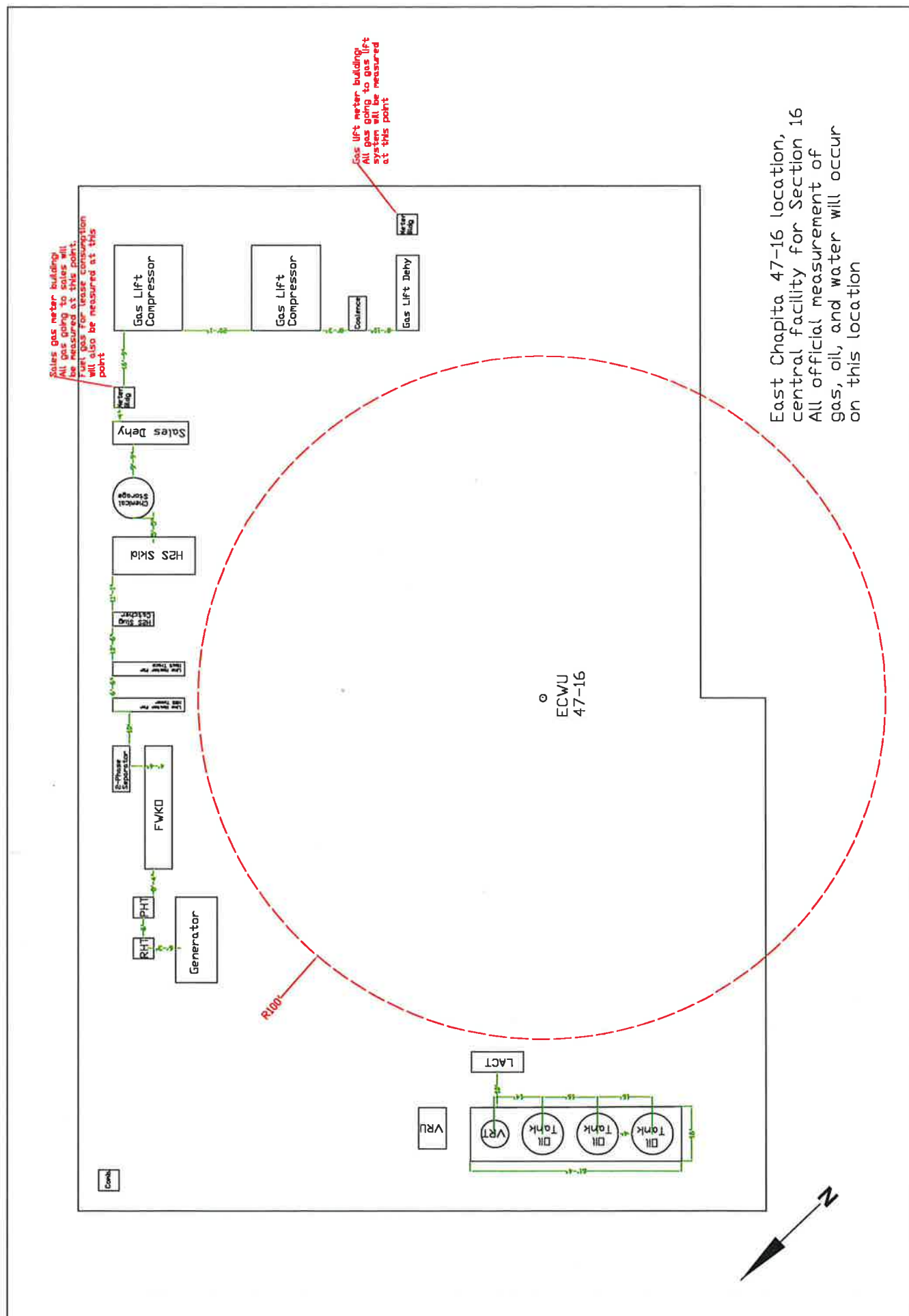
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EOG Resources, Inc. respectfully requests authorization to measure and allocate produced gas, condensate and water production as per the attached proposal.

Approved by the  
Utah Division of  
Oil, Gas and Mining

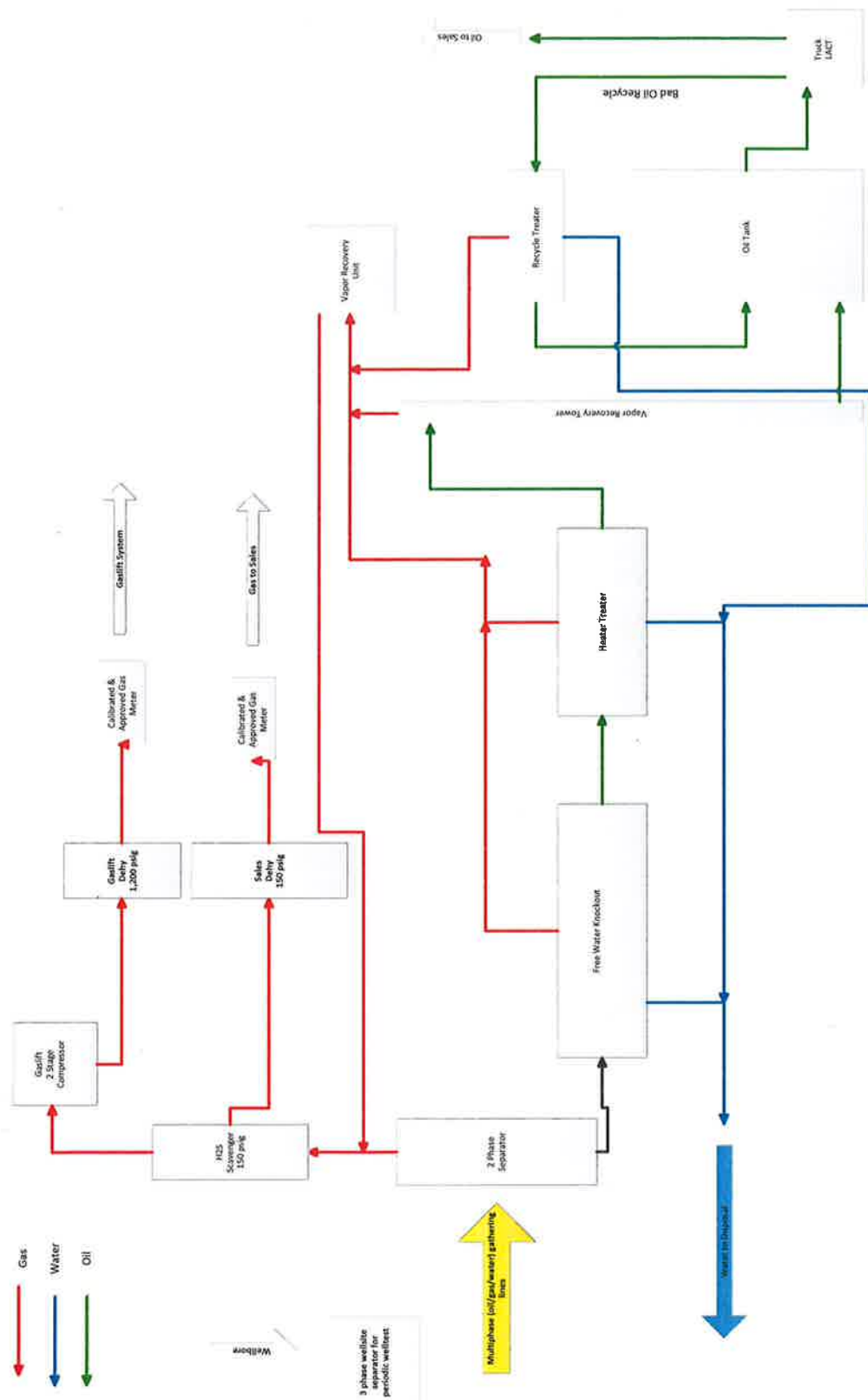
Date: May 11, 2012

By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/9/2012	



East Chapita 47-16 location, 16 central facility for Section 16 All official measurement of gas, oil, and water will occur on this location











**EOG Resources, Inc.**  
1060 E Hwy 40  
Vernal, Utah 84078

FedEx  
7933 4391 7041

March 14, 2012

Division of Natural Resources  
Utah Division of Oil, Gas, and Mining  
Attn: Dustin Doucet, Randy Thackery  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

RE: Central Facility - Gathering System  
Hydrocarbon Measurement Proposal  
Section 16 T9S R23E  
Uintah County, Utah

Gentlemen:

EOG Resources has submitted a proposal to the School and Institutional Trust Land Administration (SITLA) to install a Central Production Facility / Gathering System for Lease ML-47045. The facility will be located in the SWNE of Section 16, Township 09 South, Range 23 East, on an expanded East Chapita Wells (ECW) 47-16 well location. As you are aware, we have been producing a couple of the wells (ECW 103-16 and ECW 106-16) in section 16 utilizing gas lift operations to enhance production from the wells and have been encouraged with the results of that operation. Based on that fact, we intend to incorporate gas compression into Central Production Facility where we can process the gas, compress it and then send dry gas back to the wells for enhanced recovery via gas lift operations. All of the gas that we use for gas lift operations will be pulled out of the gathering system prior to the measurement point at the Central Facility. We believe that by moving our operations to a central facility, we can reduce air emissions, lower our operating costs (eliminating water hauling by pumping the water to the Coyote disposal facility located in Section 16), enhance our production and ultimately extend the life of the wells. At this time, we intend to measure all production from Lease ML-47045 at the central facility except for the production from ECW 59-16 well which will be measured on location utilizing the existing orifice meter for gas measurement and tank gauging for condensate and water measurement. Currently, the ECW 59-16 well is the only well in Section 16 that is located north of Coyote Wash and we would have to cross the wash to bring the well into the central facility. Eventually, as we continue to develop the lease we would bring the ECW 59-16 well into the central facility. At this time, we intend to leave the existing separator / dehydrator units on location in order to test our wells.

Therefore, EOG Resources would like to propose the following methods to measure the gas, condensate and water production from the aforementioned lease (except for the ECW 59-16) and





EOG Resources, Inc.  
1060 E Hwy 40  
Vernal, Utah 84078

the methods that we would like to use to measure and allocate production back to the remaining producing wells in the lease.

**Gas Measurement** – all gas leaving the lease from the central facility will be measured using an electronic flow meter (EFM) with orifice plate that is compliant with American Gas Association No. 3 (AGA) standards and State of Utah Regulations (R649-2-8). This meter will be calibrated on a quarterly basis.

**Allocation Method** – In an effort to reduce emissions, we intend to produce the wells directly into the gathering system. At least initially, we intend to leave the existing Separator / Dehydrator unit in place and utilize the existing EFM to test the wells on a quarterly basis. This will allow us to allocate production back to the individual wells based on well tests. Each well test will be run for a minimum of 24 hours. Therefore, we propose to allocate gas production to each well by totalizing the results of the well tests for every well and then utilize the results of each individual well to determine a percentage of the total that each well contributes to the total. We will take that percentage for each well and multiply it times the total production that is measured leaving the lease at the central facility on a daily basis. That gas volume will be allocated back to each well and will be reported on a monthly basis.

**Gas Lift Operations** – Every well in the lease will be evaluated on a case by case basis as to the viability to add gas lift operations to the well. We would like to propose, that for each well that we decide to convert to gas lift or the wells where we have already installed gas lift operations, to measure the injected gas via an EFM (orifice or v-cone) meter at the well site. Therefore, for each well that has had gas lift installed, the volume used for the percentage calculation for allocation to each well will be determined by subtracting the injected volume (per 24 hour period) from the produced volume that was determined during the well test for each well.

**Oil / Condensate / Water Measurement** – all condensate produced will be sold at the central facility via a Lease Automatic Custody Transfer (LACT) meter. The LACT meter will be proven on a quarterly basis. All water produced will be measured by a master (turbine) meter at the central facility prior to entering the pipeline that goes to the Coyote Saltwater Disposal Facility that is located within the lease boundary.

**Allocation Method** – We intend to install turbine meters on the dumps in the existing Separator / Dehydrator unit at each well so that we can accurately measure the condensate and water production from each well during the well tests. Therefore, we propose to allocate condensate and water production to each well by totalizing the results of the well tests for every well and then utilize the results of each individual well to determine a percentage of the total that each well contributes to the total. We will take that condensate percentage from each well and multiply it times the total condensate sold at the central facility per month for the allocated condensate production for each well and take the water percentage from each well and multiply it times water volume that is measured per month via the master meter that is located at the central facility for the allocated water production for each well. Those condensate and water volumes will be allocated back to each well and will be reported on a monthly basis.



**EOG Resources, Inc.**  
1060 E Hwy 40  
Vernal, Utah 84078

I look forward to hearing from you soon regarding our proposal. If you need any other information from me, I can be reached at (435) 781-9100 (office) or (435) 828-8236 (cell).

Sincerely,

A handwritten signature in dark ink, appearing to read "Ed Forsman", written over a horizontal line.

Ed Forsman  
Production Engineering Advisor  
EOG Resources – Vernal Operations

cc: Ted Kelly – Big Piney Office  
Jim Schaefer – Denver Office  
Denver file

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG RESOURCES Operator Account Number: N 9550  
Address: 600 17th St., Ste. 1000N  
city Denver  
state CO zip 80202 Phone Number: (303) 824-5590

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50551	EAST CHAPITA 102-16		NWSE	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	17596	18940	4/23/2010		3/12/2013		
Comments:							
3/12/13							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50553	EAST CHAPITA 106-16		SWSE	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	17597	18940	4/22/2010		3/12/2013		
Comments:							
3/12/13							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-34073	EAST CHAPITA 800-16		NESW	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	13273	18940	8/25/2001		3/12/2013		
Comments:							
3/12/13							

**RECEIVED**

**MAR 11 2013**

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Vail Nazzaro

Name (Please Print)

*Vail Nazzaro*

Signature

Senior Regulatory Assistant

3/8/2013

Title

Date